SAFETY DATA SHEET

1. Product and Comp	any Identification		
[Product name]	-	reen (PC-1M/3M/5M	A) AUS
[File No.]	uni POSCA Apple green (PC-1M/3M/5M) AUS 100371E		
[Date of issue]	2020/02/15		
[Details of Manufactur			
	Manufacture's name:	MITSUBISHI PENCIL CC	
	Address:		SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)		elefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austral	ia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificati	on		
Information of this s	section is about the ink.		
[Classification of th	e substance or mixture]		
PHYSICO-CHEM	ICAL HAZARDS		
Not applicable.			
HEALTH HAZAR	DS		
Acute toxicity	(oral)		: Not classified
Acute toxicity(skin)		: Not classified	
Acute toxicity(inhalation steam)			: Not classified
Skin corrosion	/irritation		: Not classified
Serious eye damage/Eye Irritation			: Category2
Respiratory se	nsitizer		: Classification not possible
Skin sensitizer			: Classification not possible
Germ cell muta	agenicity		: Category1
Carcinogenicity	y		: Category2
Toxic to repro	duction		: Category1
Specific target	organ systemic toxicity	(single exposure)	: Category1
Specific target	organ systemic toxicity	(repeated exposure)	: Category1
Aspiration hazard : Not classified			: Not classified
ENVIRONMENTA	L HAZARDS		
Hazard to the Aquatic Environment (Acute) : Not classified		: Not classified	
Hazard to the	Aquatic Environment (Cl	nronic)	: Not classified
[Label elements]			
Pictogram	: 🔨		
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Signal Word Hazard Statement : Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance	e or a mixture]	Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64-17-5		< 10
1–Propanol	71–23–8		< 1
2–Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measure		
Eye contact	Flush eyes with plenty of water for at least 15 minutes.	
	Take off the contact lens if possible	
	Consult medical advice depending on the symptoms.	
Skin contact	Wash skin.	
	Consult medical advice depending on the symptoms.	
	Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	Consult medical advice depending on the symptoms.	
Inhalation	Due to its low vapor pressure inhalation is unlikely at room temperature.	
	If not feeling well, move to an area of fresh air and rest.	
	Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
No information available.		
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, in	cluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

F	
Color	: Green
State	: Liquid
Odor	: No information available.
рH	: about8.0
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.1
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >70%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B
B	

Respiratory sensitizer

No information available.

Skin sensitizer		
No information available.		
Germ cell mutagenicity		
Ethanol	: Category1B	
Carcinogenicity		
1-Propanol	: Category2	
i i iopanoi		
Toxic to reproduction		
2-Propanol	: Category2	
Ethanol	: Category1A	
1-Propanol	: Category2	
Specific target organ systemic to	oxicity(single exposure)	
1,2-Ethanediol	: Category1	
Specific target organ systemic to	oxicity(repeated exposure)	
Titanium dioxide	: Category1	
Ethanol	: Category1	
1,2-Ethanediol	: Category1	
Aspiration hazard		
No information available.		
No information available.		
Hazard to the Aquatic Environme	ent (Acute)	
No information available.		
Hazard to the Aquatic Environme	ent (Chronic)	
No information available.		
12. Ecological information		
[Results of PBT and vPvB asses	sment]	
	No information available.	
[Other adverse effects]	No information available.	
13. Disposal considerations		
[Waste treatment methods]		
[maste d'eaunent methous]		

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Comp	pany Identification			
[Product name]	uni POSCA Apricot (PC-1M/3M/5M) AUS			
[File No.]	100554E			
[Date of issue]	2020/02/15			
[Details of Manufactu	ure]			
	Manufacture's name:	MITSUBISHI PENCIL C	O., LTD.	
	Address:	5-23-37, HIGASHIOH	I, SHINAGAWA,	TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number:	03-3450-0363
[Details of Supplier]				
	Supplier's name:	Mitsubishi Pencil Austr	alia(ABN:31 085	5 515 671)
	Address:	674 Lorimar Street, Po	rt Melbourne VIC	3207
	Telephone number: (Only office hour are available.)	03 9646 5630		
	Emergency phone number:	03 9646 5630		
2. Hazards identificat	tion			
Information of this	section is about the ink.			
[Classification of t	he substance or mixture]			
PHYSICO-CHE	MICAL HAZARDS			
Not applicable	9.			
HEALTH HAZAF	RDS			
Acute toxicity	/(oral)		: Not classified	
Acute toxicity	/(skin)		: Not classified	
Acute toxicity	/(inhalation steam)		: Not classified	
Skin corrosio	n/irritation		: Not classified	
Serious eye d	lamage/Eye Irritation		: Category2	
Respiratory s	ensitizer		: Classification	not possible
Skin sensitize	r		: Classification	not possible
Germ cell mut	tagenicity		: Category1	
Carcinogenici	ty		: Category2	
Toxic to repro	oduction		: Category1	
Specific targe	et organ systemic toxicity	(single exposure)	: Category1	
Specific targe	et organ systemic toxicity	(repeated exposure)	: Category1	
Aspiration hazard : Not classified				
ENVIRONMENT	AL HAZARDS			
Hazard to the Aquatic Environment (Acute)		: Not classified		
Hazard to the	Aquatic Environment (Cl	hronic)	: Not classified	
[Label elements]				
Pictogram	:			
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	V	×		

Signal Word Hazard Statement : Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance	e or a mixture]	Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64-17-5		< 10
1-Propanol	71-23-8		< 1
2–Propanol	67-63-0		< 1
Ethanol 1–Propanol	64–17–5 71–23–8		< 10 < 1

4. First aid measures

[Description of first aid measure		
Eye contact	Flush eyes with plenty of water for at least 15 minutes.	
	Take off the contact lens if possible	
	Consult medical advice depending on the symptoms.	
Skin contact	Wash skin.	
	Consult medical advice depending on the symptoms.	
	Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	Consult medical advice depending on the symptoms.	
Inhalation	Due to its low vapor pressure inhalation is unlikely at room temperature.	
	If not feeling well, move to an area of fresh air and rest.	
	Consult medical advice depending on the symptoms.	
[Most important symptoms and	cts, both acute and delayed]	
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from the second s	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]
Rope off the area to contain the leak and prohibit entrance except for

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for contain	ment and cleaning up]
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, in	cluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

	•••
Color	: Orange
State	: Liquid
Odor	: slight odor
рН	: about8.1
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: No information available.
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1–Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1–Propanol	: Category2
Specific target organ systemic to	oxicity(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic to	oxicity(repeated exposure)
Titanium dioxide	: Category1
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	ent (Acute)
No information available.	
Hazard to the Aquatic Environme	ent (Chronic)
No information available.	
12. Ecological information	
[Results of PBT and vPvB asses	ssment]
	No information available.
[Other adverse effects]	No information available.
13. Disposal considerations	
[Waste treatment methods]	

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Comp	any Identification		
[Product name]	uni POSCA Aqua green (PC-1M/3M/5M) AUS		
 [File No.]	100412E		
[Date of issue]	2020/02/04		
[Details of Manufactu	,,,,		
	Manufacture's name:	MITSUBISHI PENCIL C	O., LTD.
	Address:		, SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austra	alia (ABN : 31 085 515 671)
	Address:	674 Lorimar Street, Por	t Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificat	ion		
Information of this	section is about the ink.		
[Classification of th	ne substance or mixture]		
- PHYSICO-CHEM	_		
Not applicable			
HEALTH HAZAR			
Acute toxicity	(oral)		: Not classified
Acute toxicity(skin) : Not classified		: Not classified	
Acute toxicity(inhalation steam)			: Not classified
Skin corrosion/irritation			: Not classified
Serious eye da	amage/Eye Irritation		: Category2
Respiratory se	ensitizer		: Classification not possible
Skin sensitizer	·		: Classification not possible
Germ cell mut	agenicity		: Category1
Carcinogenicit	y		: Category2
		: Category1	
Specific target	t organ systemic toxicity	(single exposure)	: Category1
			: Category1
Aspiration haz	Aspiration hazard : Not classified		: Not classified
ENVIRONMENTAL HAZARDS			
Hazard to the Aquatic Environment (Acute) : Not classified			
Hazard to the	Aquatic Environment (Cl	hronic)	: Not classified
[Label elements]			
Pictogram	:		
	(1		

Signal Word Hazard Statement : Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

$\label{eq:composition} \textbf{3. Composition/information on ingredients}$

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
2–Propanol	67-63-0		< 10
Ethanol	64-17-5		< 10
1-Propanol	71-23-8		< 1

4. First aid measures

[Description of first aid measure		
Eye contact	Flush eyes with plenty of water for at least 15 minutes.	
	Take off the contact lens if possible	
	Consult medical advice depending on the symptoms.	
Skin contact	Wash skin.	
	Consult medical advice depending on the symptoms.	
	Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	Consult medical advice depending on the symptoms.	
Inhalation	Due to its low vapor pressure inhalation is unlikely at room temperature.	
	If not feeling well, move to an area of fresh air and rest.	
	Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]
Rope off the area to contain the leak and prohibi

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]		
	Do not lick or swallow the ink.	
	Avoid contact with skin and eyes.	
	Recap after use (if there is a cap), and keep out of the reach of infants.	
[Conditions for safe storage, including any incompatibilities]		
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.	
	Recommended temperature : 0-40°C	
[Specific end use(s)]	No information available.	

8. Exposure controls/personal protection

[Control parameters]				
Chemical name	OSHA	ACGIH		
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3		
2-Propanol	-	(TWA)200ppm (STEL)400ppm		
Ethanol	-	(TWA)1000ppm		
1,2-Ethanediol	-	(STEL)100mg/m3		
[Exposure controls]				
Protective equipment		: Not required.		
Respiratory protection		: Not required.		
Hands protection		: Not required.		
Eye protection		: Not required.		
Skin protection		: Not required.		

9. Physical and chemical properties

Color	: Green
State	: Liquid
Odor	: slight odor
рН	: about8.0
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
2-Propanol	: Category2A
Ethanol	: Category2A

No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic toxic	city(single exposure)
Titanium dioxide	: Category3
2-Propanol	: Category1
1,2-Ethanediol	: Category1
Specific target organ systemic toxic	city(repeated exposure)
Titanium dioxide	: Category1
2-Propanol	: Category2
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environment	(Acute)
No information available.	
Hazard to the Aquatic Environment	(Chronic)
No information available.	
Ecological information	.1
[Results of PBT and vPvB assessm	
	No information available.
[Other adverse effects]	No information available.
Dispasal considerations	
Disposal considerations	
[Waste treatment methods] Dispose in accordance with all curr	ant regulations and standard-
Dispose in accordance with all curr	ent regulations and standards.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1 Product and Comr	any Identification		
[Product name]	. Product and Company Identification [Product name] uni POSCA Black (PC-1M) AUS		
		PU-TIVI) AUS	
[File No.]	100314E		
[Date of issue]	2020/02/15		
[Details of Manufactu			
	Manufacture's name:	MITSUBISHI PENCIL CO	
	Address:		SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austra	lia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Por	t Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificat	tion		
Information of this	section is about the ink.		
[Classification of t	he substance or mixture]		
PHYSICO-CHEM	MICAL HAZARDS		
Not applicable).		
HEALTH HAZAF	RDS		
Acute toxicity	v(oral)		: Not classified
Acute toxicity	v(skin)		: Not classified
Acute toxicity	(inhalation steam)		: Not classified
Skin corrosior	n/irritation		: Not classified
Serious eye d	amage/Eye Irritation		: Not classified
Respiratory se	ensitizer		: Classification not possible
Skin sensitize	r		: Classification not possible
Germ cell mut	tagenicity		: Category1
Carcinogenici	ty		: Category2
Toxic to repro	oduction		: Category1
Specific targe	t organ systemic toxicity	(single exposure)	: Category1
	t organ systemic toxicity		: Category1
Aspiration haz	zard		: Not classified
ENVIRONMENT	AL HAZARDS		
Hazard to the	Aquatic Environment (A	cute)	: Not classified
Hazard to the	Aquatic Environment (Cl	hronic)	: Classification not possible
[Label elements]			
Pictogram	:		
C C		<u>N</u>	
_	-		
Signal Word	: Danger		

Signal Word Hazard Statement

: May cause genetic defects

: Suspected of causing cancer

:	May damage fertility or the unborn child
:	Causes damage to organs
:	Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
:	Do not breathe dust/vapours etc
:	Do not eat, drink or smoke when using this product.
:	Use personal protective equipment as required.(Refer to Section 8)
:	Get medical advice/attention if you feel unwell.
:	IF exposed or concerned: Get medical advice/attention.
:	Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	Chemical nature] [Component parts]		
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
1,2-Ethanediol	107-21-1		< 10
Carbon black	1333-86-4		< 10
2–Propanol	67-63-0		< 1
Ethanol	64-17-5		< 1

4. First aid measures

[Description of first aid measures]				
	Eye contact	:	Flush eyes with plenty of water for at least 15 minutes.	
		:	Take off the contact lens if possible	
		:	Consult medical advice depending on the symptoms.	
	Skin contact	:	Wash skin.	
		:	Consult medical advice depending on the symptoms.	
		:	Thoroughly clean and dry contaminated clothing and shoes before reuse.	
	Ingestion	:	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
		:	Consult medical advice depending on the symptoms.	
	Inhalation	:	Due to its low vapor pressure inhalation is unlikely at room temperature.	
		:	If not feeling well, move to an area of fresh air and rest.	
		:	Consult medical advice depending on the symptoms.	
	[Most important symptoms and effects, both acute and delayed]			
			No information available.	
	[Indication of any immediate medical attention and special treatment needed]			
			No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam		
[Special hazards arising from the substance or mixture]			
	No further relevant information available.		
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.		
	Wear suitable protective equipment.		

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, in	cluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Carbon black	-	(TWA)3.5mg/m3
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color	: Black
State	: Liquid
Odor	: slight odor
pН	: about8.2
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.1
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >80%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.	
[Reactivity]	No data available.	
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.	
	Avoid direct sunlight and high temperature.	
[Incompatible materials]	No information available.	
[Hazardous decomposition products]	No information available.	
[Possibility of hazardous reactions]	No information available.	

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
No information available.	
Respiratory sensitizer	
No information available.	
Skin sensitizer	
No information available.	

100314	MITSOBISHI FENOLE OO., ETD.
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
Carbon black	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
Specific target organ systemic toxici	ty(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic toxici	ty(repeated exposure)
Carbon black	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environment (Acute)
No information available.	
Hazard to the Aquatic Environment (Chronic)
No information available.	
12. Ecological information	
[Results of PBT and vPvB assessme	ent]
٦	No information available.
[Other adverse effects]	No information available.
13. Disposal considerations	

[Waste treatment methods]

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Compa	anv Identification			
[Product name]	uni POSCA Blue (PC-1M) AUS			
 [File No.]	100317E			
[Date of issue]	2020/02/15			
[Details of Manufactur				
	Manufacture's name:	MITSUBISHI PENCIL C	D., LTD.	
	Address: 5–23–37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN			
	Telephone number: 03-3458-6281 telefax number: 03-3450-036 (Only office hour are available.)			
[Details of Supplier]	····;			
	Supplier's name:	Mitsubishi Pencil Austra	lia(ABN:31 085 515 671)	
	Address:	674 Lorimar Street, Por		
	Telephone number: (Only office hour are available.)	r: 03 9646 5630		
	Emergency phone number:	03 9646 5630		
2. Hazards identificati	on			
	section is about the ink.			
_	e substance or mixture]			
	-			
	Not applicable.			
HEALTH HAZARDS				
-	Acute toxicity(oral) : Not classified			
Acute toxicity(skin) : Not classified		: Not classified		
-	Acute toxicity(inhalation steam)		: Not classified	
Skin corrosion/irritation Serious eye damage/Eye Irritation			: Category2	
Respiratory se			: Classification not possible	
Skin sensitizer			: Classification not possible	
Germ cell muta			: Category1	
Carcinogenicity			: Category2	
Toxic to reprod			: Category1	
	organ systemic toxicity	(single exposure)	: Category1	
			: Category1	
Specific target organ systemic toxicity(repeated exposure)		: Not classified		
ENVIRONMENTAL HAZARDS		: Not classified		
Hazard to the Aquatic Environment (Acute) Hazard to the Aquatic Environment (Chronic)		: Not classified		
[Label elements]				
Pictogram :				
riotogram				

Signal Word Hazard Statement : Danger

: Causes serious eye irritation.

: May cause genetic defects

May damage fertility or the unborn child			
Causes damage to organs			
contact			

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
2–Propanol	67-63-0		< 10
Ethanol	64-17-5		< 10
1-Propanol	71-23-8		< 1

4. First aid measures

[Description of first aid measure	3]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
No information available.		
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam	
[Special hazards arising from t	he substance or mixture]	
	No further relevant information available.	
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.	
	Wear suitable protective equipment.	

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]			
	Do not lick or swallow the ink.		
	Avoid contact with skin and eyes.		
	Recap after use (if there is a cap), and keep out of the reach of infants.		
[Conditions for safe storage, including any incompatibilities]			
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.		
	Recommended temperature : 0-40°C		
[Specific end use(s)]	No information available.		

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
2-Propanol	-	(TWA)200ppm (STEL)400ppm
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

Ennernannen en zaere brijerea.	
Color	: Blue
State	: Liquid
Odor	: slight odor
pН	: about8.2
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.1
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >70%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
2-Propanol	: Category2A
Ethanol	: Category2A
1.2-Ethanediol	

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Respiratory sensitizer	
No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2–Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic to	oxicity(single exposure)
2–Propanol	: Category1
1,2-Ethanediol	: Category1
Specific target organ systemic to	oxicity(repeated exposure)
Titanium dioxide	: Category1
2–Propanol	: Category2
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	ent (Acute)
No information available.	
Hazard to the Aquatic Environme	ent (Chronic)
No information available.	
Ecological information	
[Results of PBT and vPvB asses	sment]
	No information available.
[Other adverse effects]	No information available.
Disposal considerations	
Disposal considerations	
[Waste treatment methods]	

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Comp	any Identification		
[Product name]	uni POSCA Brown (PC-1M/3M/5M/7M/8K) AUS		
[File No.]	100319E		
[Date of issue]	2020/02/15		
[Details of Manufactu	re]		
	Manufacture's name:	MITSUBISHI PENCIL CO). LTD.
	Address:		SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)		elefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austral	ia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	
	Telephone number:	03 9646 5630	
	(Only office hour are available.) Emergency phone	03 9646 5630	
	number:		
2. Hazards identificat	ion		
Information of this	section is about the ink.		
[Classification of th	e substance or mixture]		
PHYSICO-CHEM	IICAL HAZARDS		
Not applicable.			
HEALTH HAZAR	DS		
Acute toxicity	(oral)		: Not classified
Acute toxicity	(skin)		: Not classified
Acute toxicity	(inhalation steam)		: Not classified
Skin corrosion/irritation			: Not classified
Serious eye da	amage/Eye Irritation		: Category2
Respiratory se	ensitizer		: Classification not possible
Skin sensitizer			: Classification not possible
Germ cell muta	agenicity		: Category1
Carcinogenicit	У		: Category2
Toxic to repro	duction		: Category1
Specific target	t organ systemic toxicity	(single exposure)	: Category1
Specific target	t organ systemic toxicity	(repeated exposure)	: Category1
Aspiration hazard			: Not classified
ENVIRONMENTA	AL HAZARDS		
Hazard to the Aquatic Environment (Acute)		: Not classified	
Hazard to the Aquatic Environment (Acute) Hazard to the Aquatic Environment (Chronic)		: Not classified	
[Label elements]			
Pictogram	:		
2			
Signal Word	: Danger	•	

Hazard Statement

0

: Causes serious eye irritation.

: May cause genetic defects

: Suspected of causing cancer
: May damage fertility or the unborn child
: Causes damage to organs
: Causes damage to organs through prolonged or repeated exposure
: Do not breathe dust/vapours etc
: Do not eat, drink or smoke when using this product.
: Use personal protective equipment as required. (Refer to Section 8)
: Get medical advice/attention if you feel unwell.
: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
: IF exposed or concerned: Get medical advice/attention.
: If eye irritation persists: Get medical advice/attention.
: Dispose in accordance with all current regulations and standards.
No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		
omponent parts]	Ink	
s No.		Concentration range(wt%)
32-18-5		50-80
463-67-7		10-30
7-21-1		< 10
-17-5		< 10
-23-8		< 1
-63-0		< 1
5 3 4 7	omponent parts] s No. 22–18–5 63–67–7 2–21–1 -17–5 -23–8	emponent parts] Ink s No. 22–18–5 463–67–7 2–21–1 417–5 423–8

4. First aid measures

[Description of first aid measure	s]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]
Rope off the area to contain the leak and prohibi

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling	D
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, i	ncluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color	: Brown
State	: Liquid
Odor	: slight odor
pН	: about8.2
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B
B	

Respiratory sensitizer

No information available.

Skin sensitizer		
No information available.		
Germ cell mutagenicity		
Ethanol	: Category1B	
Carcinogenicity		
1-Propanol	: Category2	
Toxic to reproduction		
2-Propanol	: Category2	
Ethanol	: Category1A	
1-Propanol	: Category2	
Specific target organ systemic to	oxicity(single exposure)	
1,2-Ethanediol	: Category1	
Specific target organ systemic to	vicity(repeated exposure)	
Titanium dioxide	: Category1	
Ethanol	: Category1	
1,2-Ethanediol	: Category1	
Aspiration hazard		
No information available.		
No mornation available.		
Hazard to the Aquatic Environme	ent (Acute)	
No information available.		
Hazard to the Aquatic Environme	ent (Chronic)	
No information available.		
12. Ecological information		
[Results of PBT and vPvB asses	sment]	
	No information available.	
[Other adverse effects]	No information available.	
_		
13. Disposal considerations		
[Waste treatment methods]		

[Waste treatment methods] Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Compa	any Identification		
[Product name]	uni POSCA Coral pink (PC-1M/3M/5M) AUS		
[File No.]	100402E		
[Date of issue]	2020/02/04		
[Details of Manufactur	re]		
	Manufacture's name:	MITSUBISHI PENCIL CO	., LTD.
	Address:	5-23-37, HIGASHIOHI,	SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281 to	elefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austral	ia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificati	on		
	section is about the ink.		
_	e substance or mixture]		
PHYSICO-CHEM	_		
Not applicable.			
HEALTH HAZAR			
Acute toxicity(: Not classified
Acute toxicity(skin)			: Not classified
Acute toxicity(inhalation steam)			: Not classified
Skin corrosion/irritation			: Not classified
Serious eye damage/Eye Irritation			: Category2
Respiratory sensitizer			: Classification not possible
Skin sensitizer			: Classification not possible
Germ cell mutagenicity			: Category1
Carcinogenicity			: Category2
Toxic to repro	Toxic to reproduction : Category1		
Specific target	organ systemic toxicity	(single exposure)	: Category1
	organ systemic toxicity		: Category1
Aspiration hazard : Not classified			
ENVIRONMENTA	L HAZARDS		
Hazard to the Aquatic Environment (Acute) : Not classified			
Hazard to the	Hazard to the Aquatic Environment (Chronic) : Not classified		
[Label elements]			
Pictogram	:		
	•	•	

Signal Word Hazard Statement : Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
2–Propanol	67-63-0		< 10
Ethanol	64-17-5		< 10
1-Propanol	71-23-8		< 1

4. First aid measures

[Description of first aid measure	3]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective	equipment and emergency procedures]
	Rope off the area to contain the leak and prohibit entrance except for authorized persons.

	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]		
	Do not lick or swallow the ink.	
	Avoid contact with skin and eyes.	
	Recap after use (if there is a cap), and keep out of the reach of infants.	
[Conditions for safe storage, including any incompatibilities]		
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.	
	Recommended temperature : 0-40°C	
[Specific end use(s)]	No information available.	

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
2-Propanol	-	(TWA)200ppm (STEL)400ppm
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

Color	: Pink
State	: Liquid
Odor	: slight odor
рН	: about8.1
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
2-Propanol	: Category2A
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

B	
Respiratory sensitizer	
No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1–Propanol	: Category2
Specific target organ systemic to:	xicity(single exposure)
2-Propanol	: Category1
1,2-Ethanediol	: Category1
Specific target organ systemic to:	xicity(repeated exposure)
Titanium dioxide	: Category1
2–Propanol	: Category2
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	nt (Acute)
No information available.	
Hazard to the Aquatic Environme	nt (Chronic)
No information available.	
2. Ecological information	
[Results of PBT and vPvB assess	sment]
	No information available.
[Other adverse effects]	No information available.
3. Disposal considerations	
[Waste treatment methods]	rrant regulations and standards

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Comp	any Identification		
[Product name]			
 [File No.]	100312E		
[Date of issue]	2020/02/15		
[Details of Manufactu	ıre]		
-	- Manufacture's name:	MITSUBISHI PENCIL CO	D., LTD.
	Address:	5–23–37, HIGASHIOHI,	SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)		elefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austra	lia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	t Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificat	tion		
	section is about the ink.		
_	he substance or mixture]		
-	MICAL HAZARDS		
Not applicable	.		
HEALTH HAZAF			
Acute toxicity	(oral)		: Not classified
Acute toxicity			: Not classified
-	(inhalation steam)		: Not classified
Skin corrosior			: Not classified
Serious eye d	amage/Eye Irritation		: Not classified
Respiratory se	ensitizer		: Classification not possible
Skin sensitize	r		: Classification not possible
Germ cell mut	tagenicity		: Category1
Carcinogenicit	ty		: Classification not possible
Toxic to repro	oduction		: Category1
Specific targe	t organ systemic toxicity	(single exposure)	: Classification not possible
Specific targe	t organ systemic toxicity	(repeated exposure)	: Category1
Aspiration haz	zard		: Not classified
ENVIRONMENT	AL HAZARDS		
Hazard to the	Aquatic Environment (A	cute)	: Classification not possible
Hazard to the	Aquatic Environment (C	hronic)	: Not classified
[Label elements]			
Pictogram :			
		<u>></u>	

Signal Word Hazard Statement : Danger

: May cause genetic defects

: May damage fertility or the unborn child

	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF exposed or concerned: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Aluminum (as paste)	7429-90-5		< 10
Glycerine	56-81-5		< 10
Propanol, 1-methoxy-	107-98-2		< 10
2-Propanol	67-63-0		< 1
Ethanol	64–17–5		< 1

4. First aid measures

[Description of first aid measure	3]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam	
[Special hazards arising from the substance or mixture]		
	No further relevant information available.	
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.	
	Wear suitable protective equipment.	

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for contai	nment and cleaning up]
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, inclu	iding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name	OSHA	ACGIH
Aluminum (as paste)	-	(TWA)10ppm
Glycerine	-	(TWA)10mg/m3
Propanol, 1-methoxy-	-	(TWA)100ppm (STEL)150ppm
[Exposure controls]		

Protective equipment	: Not required.
Respiratory protection	: Not required.
Hands protection	: Not required.
Eye protection	: Not required.
Skin protection	: Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color	:	Gold
State	:	Liquid
Odor	:	slight odor
pН	:	about8.1

Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.1
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >70%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
no information available.	
Serious eye damage/Eye Irritation	
No information available.	
Respiratory sensitizer	
No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
0	
Carcinogenicity	
No information available.	

100312E	MITSUBISHI PENCIL CO., LTD.
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
Specific target organ systemic toxic No information available.	ity(single exposure)
Specific target organ systemic toxic	ity(repeated exposure)
Aluminum (as paste)	: Category1
Aspiration hazard No information available.	
Hazard to the Aquatic Environment No information available.	(Acute)
Hazard to the Aquatic Environment No information available.	(Chronic)
12. Ecological information	
[Results of PBT and vPvB assessme	ent]
-	No information available.
[Other adverse effects]	No information available.
 13. Disposal considerations [Waste treatment methods] Dispose in accordance with all current dispose in accordance with all current dispose 	
14. Transport information [Environmental hazards] [HS Code]	No information available. 960820

14. T

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Com	pany Identification		
[Product name]		(PC-1M/3M/5M/7M	/8K/17K,PCF-350) AUS
[File No.]	100309E		
[Date of issue]	2020/02/15		
[Details of Manufactu			
L	Manufacture's name:	MITSUBISHI PENCIL CO	D., LTD.
	Address:		SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)		celefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austra	lia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Por	t Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificat			
_	section is about the ink.		
-	he substance or mixture]		
	MICAL HAZARDS		
Not applicable			
HEALTH HAZAF			
Acute toxicity			: Not classified
Acute toxicity			: Not classified
	(inhalation steam)		: Not classified
Skin corrosio			: Not classified
	lamage/Eye Irritation		: Category2
Respiratory s			: Classification not possible
Skin sensitize			: Classification not possible
Germ cell mu	tagenicity		: Category1
Carcinogenici	ty		: Category2
Toxic to repro	oduction		: Category1
Specific targe	et organ systemic toxicity	(single exposure)	: Category1
Specific targe	et organ systemic toxicity	(repeated exposure)	: Category1
Aspiration ha	Aspiration hazard : Not classified		
ENVIRONMENT	AL HAZARDS		
Hazard to the Aquatic Environment (Acute) : Not classified		: Not classified	
Hazard to the	e Aquatic Environment (Cl	hronic)	: Not classified
[Label elements]			
Pictogram			
Signal Word	: Danger	•	

Hazard Statement

: Danger

: Causes serious eye irritation.

: May cause genetic defects

	:	Suspected of causing cancer
	:	May damage fertility or the unborn child
	:	Causes damage to organs
	:	Causes damage to organs through prolonged or repeated exposure
Precautionary Statement		
	:	Do not breathe dust/vapours etc
	:	Do not eat, drink or smoke when using this product.
	:	Use personal protective equipment as required. (Refer to Section 8)
	:	Get medical advice/attention if you feel unwell.
	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	:	IF exposed or concerned: Get medical advice/attention.
	:	If eye irritation persists: Get medical advice/attention.
	:	Dispose in accordance with all current regulations and standards.
[Other hazards]		No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
1,2-Ethanediol	107-21-1		< 10
Ethanol	64-17-5		< 10
Titanium dioxide	13463-67-7		< 10
1–Propanol	71–23–8		< 1
2–Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measure		
Eye contact	Flush eyes with plenty of water for at least 15 minutes.	
	Take off the contact lens if possible	
	Consult medical advice depending on the symptoms.	
Skin contact	Wash skin.	
	Consult medical advice depending on the symptoms.	
	Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	Consult medical advice depending on the symptoms.	
Inhalation	Due to its low vapor pressure inhalation is unlikely at room temperature.	
	If not feeling well, move to an area of fresh air and rest.	
	Consult medical advice depending on the symptoms.	
[Most important symptoms and	ects, both acute and delayed]	
	No information available.	
[Indication of any immediate me	al attention and special treatment needed]	
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from the	substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for contain	nment and cleaning up]
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, in	cluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

Color	: Green
State	: Liquid
Odor	: slight odor
рН	: about8.5
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.1
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >70%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1–Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1–Propanol	: Category2
Specific target organ systemic to	oxicity(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic to	oxicity(repeated exposure)
Titanium dioxide	: Category1
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	ent (Acute)
No information available.	
Hazard to the Aquatic Environme	ent (Chronic)
No information available.	
12. Ecological information	
[Results of PBT and vPvB asses	ssment]
	No information available.
[Other adverse effects]	No information available.
13. Disposal considerations	
[Waste treatment methods]	

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

 $[{\it Safety, health and environmental regulations/legislation specific for the substance or mixture}]$

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Compa	any Identification		
[Product name]			
[File No.]	100375E		
[Date of issue]	2020/02/15		
[Details of Manufactur	e]		
	Manufacture's name:	MITSUBISHI PENCIL C	O., LTD.
	Address:	5-23-37, HIGASHIOHI	, SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austra	alia (ABN:31 085 515 671)
	Address:	674 Lorimar Street, Por	t Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificati	on		
Information of this s	ection is about the ink.		
[Classification of the	e substance or mixture]		
PHYSICO-CHEM	ICAL HAZARDS		
Not applicable.			
HEALTH HAZARI	DS		
Acute toxicity(oral)		: Not classified
Acute toxicity(skin)			: Not classified
Acute toxicity(inhalation steam)			: Not classified
Skin corrosion/	/irritation		: Not classified
Serious eye da	mage/Eye Irritation		: Category2
Respiratory sensitizer			: Classification not possible
Skin sensitizer			: Classification not possible
Germ cell muta	genicity		: Category1
Carcinogenicity	/		: Category2
Toxic to reproc	luction		: Category1
Specific target organ systemic toxicity(single exposure) : Category1		: Category1	
Specific target	organ systemic toxicity	(repeated exposure)	: Category1
Aspiration hazard : Not classified			: Not classified
ENVIRONMENTA	L HAZARDS		
Hazard to the Aquatic Environment (Acute) : N		: Not classified	
Hazard to the Aquatic Environment (Chronic) : Not classified		: Not classified	
[Label elements]			
Pictogram	:		
Signal Word	: Danger	•	

: Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
2–Propanol	67-63-0		< 10
Ethanol	64-17-5		< 10
1-Propanol	71-23-8		< 1

4. First aid measures

[Description of first aid measure	3]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam	
[Special hazards arising from t	he substance or mixture]	
	No further relevant information available.	
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.	
	Wear suitable protective equipment.	

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, inclu	uding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
2-Propanol	-	(TWA)200ppm (STEL)400ppm
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

Color	: Ivory
State	: Liquid
Odor	: slight odor
pН	: about8.0
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
2-Propanol	: Category2A
Ethanol	: Category2A
1.2-Ethanediol	

Respiratory sensitizer	
No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1–Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic to	xicity(single exposure)
Titanium dioxide	: Category3
2-Propanol : Category1	
1,2-Ethanediol	: Category1
Specific target organ systemic to	xicity(repeated exposure)
Titanium dioxide	: Category1
2-Propanol	: Category2
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	nt (Acute)
No information available.	
Hazard to the Aquatic Environme	nt (Chronic)
No information available.	
Ecological information	
Ecological information	
[Results of PBT and vPvB assess	-
	No information available.
[Other adverse effects]	No information available.
Disposal considerations	
[Waste treatment methods]	
Dispose in accordance with all cu	rrent regulations and standards.
Do not allow it to flow into the dr	-

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Compa	any Identification			
[Product name]	uni POSCA Lavend	ler (PC-1M/3M/5M)	AUS	
[File No.]	100631E			
Date of issue]	2020/02/15			
[Details of Manufactur	e]			
	Manufacture's name:	MITSUBISHI PENCIL C	D., LTD.	
	Address:	5-23-37, HIGASHIOHI	SHINAGAWA, TOKYO, JA	PAN
	Telephone number: (Only office hour are available.)	03-3458-6281	celefax number: 03-345	50-0363
[Details of Supplier]				
	Supplier's name:	Mitsubishi Pencil Austra	lia(ABN:31 085 515 671)	
	Address:	674 Lorimar Street, Por	t Melbourne VIC 3207	
	Telephone number: (Only office hour are available.)	03 9646 5630		
	Emergency phone number:	03 9646 5630		
2. Hazards identificati	on			
Information of this s	ection is about the ink.			
[Classification of the	e substance or mixture]			
PHYSICO-CHEM	ICAL HAZARDS			
Not applicable.				
HEALTH HAZARI	DS			
Acute toxicity(oral)		: Not classified	
Acute toxicity(skin)		: Not classified	
Acute toxicity(inhalation steam)		: Not classified	
Skin corrosion/	[/] irritation		: Not classified	
Serious eye damage/Eye Irritation			: Category2	
Respiratory ser	nsitizer		: Classification not possible	
Skin sensitizer			: Classification not possible	
Germ cell mutagenicity			: Category1	
Carcinogenicity			: Category2	
Toxic to reproduction			: Category1	
Specific target organ systemic toxicity(single exposure) : Category1		: Category1		
Specific target organ systemic toxicity(re		(repeated exposure)	: Category1	
Aspiration hazard : Not classified				
ENVIRONMENTA	L HAZARDS			
Hazard to the Aquatic Environment (Acute) : Not classified				
Hazard to the Aquatic Environment (Chronic) : Not classified				
[Label elements]				
Pictogram	:			
Signal Word	: Danger	•		

- : Causes serious eye irritation.
- : May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64-17-5		< 10
1–Propanol	71-23-8		< 1
2-Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measu	res]
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.
	: Take off the contact lens if possible
	: Consult medical advice depending on the symptoms.
Skin contact	: Wash skin.
	: Consult medical advice depending on the symptoms.
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.
	: Consult medical advice depending on the symptoms.
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.
	: If not feeling well, move to an area of fresh air and rest.
	: Consult medical advice depending on the symptoms.
[Most important symptoms and	d effects, both acute and delayed]
	No information available.
[Indication of any immediate m	nedical attention and special treatment needed]
	No information available.

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from the	substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for contain	ment and cleaning up]
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, in	cluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

Color	: Violet
State	: Liquid
Odor	: slight odor
рН	: about7.9
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: No information available.
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2–Propanol	: Category2
Ethanol	: Category1A
1–Propanol	: Category2
Specific target organ systemic to	oxicity(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic to	
Titanium dioxide	: Category1
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	ent (Acute)
No information available.	
Hazard to the Aquatic Environme	ent (Chronic)
No information available.	
12. Ecological information	
Results of PBT and vPvB asses	sement
	No information available.
[Other adverse effects]	No information available.
נסנווסי מעיכי של כווכטנשן	No information available.
13. Disposal considerations	
[Waste treatment methods]	

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Com	pany Identification			
[Product name]	Product and Company Identification			
[File No.]	uni POSCA Light blue (PC-1M/3M/5M/7M/8K/17K,PCF-350) AUS 100316E			
[Date of issue]	2020/02/15			
[Details of Manufact				
	Manufacture's name:	MITSUBISHI PENCIL CO		
	Address:		SHINAGAWA, TOKYO, JAPAN	
	Telephone number:		elefax number: 03-3450-0363	
	(Only office hour are available.)			
[Details of Supplier]				
	Supplier's name:	Mitsubishi Pencil Austral	lia (ABN:31 085 515 671)	
	Address:	674 Lorimar Street, Port	Melbourne VIC 3207	
	Telephone number: (Only office hour are available.)	03 9646 5630		
	Emergency phone number:	03 9646 5630		
2. Hazards identifica	tion			
	s section is about the ink.			
_	the substance or mixture]			
-	MICAL HAZARDS			
Not applicabl				
HEALTH HAZA				
Acute toxicit			: Not classified	
Acute toxicit	-		: Not classified	
Acute toxicity(skin) Acute toxicity(inhalation steam)			: Not classified	
Skin corrosion/irritation			: Not classified	
	damage/Eye Irritation		: Category2	
Respiratory s			: Classification not possible	
Skin sensitize			: Classification not possible	
Germ cell mu			: Category1	
Carcinogenic			: Category2	
Toxic to repr	-		: Category1	
	et organ systemic toxicity	(single exposure)	: Category1	
	et organ systemic toxicity		: Category1	
Aspiration ha			: Not classified	
-				
ENVIRONMENTAL HAZARDS Hazard to the Aquatic Environment (Acute) : Not classified			: Not classified	
Hazard to the Aquatic Environment (Acute) Hazard to the Aquatic Environment (Chronic)			: Not classified	
[Label elements]				
Pictogram	:			
1.000812111				
Signal Word	: Danger	×		

Hazard Statement

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance	Mixture		
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64-17-5		< 10
1–Propanol	71-23-8		< 1
2-Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measu	res]			
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.			
	: Take off the contact lens if possible			
	: Consult medical advice depending on the symptoms.			
Skin contact	: Wash skin.			
	: Consult medical advice depending on the symptoms.			
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.			
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.			
	: Consult medical advice depending on the symptoms.			
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.			
	: If not feeling well, move to an area of fresh air and rest.			
	: Consult medical advice depending on the symptoms.			
[Most important symptoms and effects, both acute and delayed]				
	No information available.			
[Indication of any immediate medical attention and special treatment needed]				
	No information available.			

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam	
[Special hazards arising from the substance or mixture]		
	No further relevant information available.	
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.	
	Wear suitable protective equipment.	

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]
Rone off the area to contain the leak and prohibit

Rope off the area to contain the leak and prohibit entrance except for authorized persons.			
Wear appropriate protection gear.			
Do not work in the leeward.			
Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.			
Do not allow leaked material to pollute rivers, lakes, etc.			
[Methods and material for containment and cleaning up]			
Wipe off by dry cloth and wash with water.			
Dispose of pollution or waste in accordance with national, state and local regulations.			
No information available.			
ſ			

7. Handling and storage

[Precautions for safe handling	D
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, i	ncluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

-			
Color		:	Light blue
State		:	Liquid
Odor		:	slight odor
pН		:	about8.3
Boiling point		:	No information available.[Water 100.0°C]
Melting point		:	No information available.
Flash point		:	No information available.
Autoignition temp	erature	:	No information available.
Explosion limits		:	No information available.
Vapor density(air	=1)	:	No information available.
Density		:	about1.2
Solubility in water		:	soluble
Evaporation rate		:	No information available.
Volatile		:	>60%
[Other informatio	n]		No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic to	xicity(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic to	vicity(repeated exposure)
Titanium dioxide	: Category1
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	nt (Acute)
No information available.	
Hazard to the Aquatic Environme	nt (Chronic)
No information available.	
12. Ecological information	
[Results of PBT and vPvB assess	sment]
	No information available.
[Other adverse effects]	No information available.
12 Diseased and side water	
13. Disposal considerations	
[Waste treatment methods]	

[Waste treatment methods] Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Compa	any Identification		
[Product name]		reen (PC-1M/3M/5	M/7M/8K) AUS
[File No.]	100311E		
Date of issue]	2020/02/15		
[Details of Manufactur	e]		
	Manufacture's name: Address:	MITSUBISHI PENCIL O 5–23–37, HIGASHIOH	CO., LTD. I, SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number: 03-3450-0363
[Details of Supplier]	(,,,		
	Supplier's name:	Mitsubishi Pencil Austr	alia (ABN : 31 085 515 671)
	Address:	674 Lorimar Street, Po	rt Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificati	on		
Information of this s	section is about the ink.		
[Classification of th	e substance or mixture]		
PHYSICO-CHEM	ICAL HAZARDS		
Not applicable.			
HEALTH HAZARI	DS		
Acute toxicity(oral)		: Not classified
Acute toxicity(skin)		: Not classified
Acute toxicity(inhalation steam)		: Not classified
Skin corrosion	/irritation		: Not classified
Serious eye da	mage/Eye Irritation		: Category2
Respiratory se	nsitizer		: Classification not possible
Skin sensitizer			: Classification not possible
Germ cell muta	agenicity		: Category1
Carcinogenicity	/		: Category2
Toxic to reproduction			: Category1
Specific target organ systemic toxicity(s		(single exposure)	: Category1
Specific target organ systemic toxicity		(repeated exposure)	: Category1
Aspiration hazard : Not classified		: Not classified	
ENVIRONMENTA	L HAZARDS		
Hazard to the Aquatic Environment (Acut		cute)	: Not classified
Hazard to the Aquatic Environment (Chronic		nronic)	: Not classified
[Label elements]			
Pictogram			
Signal Word	: Danger	•	

Hazard Statement

. Duligoi

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

$\label{eq:composition} \textbf{3. Composition/information on ingredients}$

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64–17–5		< 10
1–Propanol	71-23-8		< 1
2-Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measure		
Eye contact	Flush eyes with plenty of water for at least 15 minutes.	
	Take off the contact lens if possible	
	Consult medical advice depending on the symptoms.	
Skin contact	Wash skin.	
	Consult medical advice depending on the symptoms.	
	Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	Consult medical advice depending on the symptoms.	
Inhalation	Due to its low vapor pressure inhalation is unlikely at room temperature.	
	If not feeling well, move to an area of fresh air and rest.	
	Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from the second s	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for containn	nent and cleaning up]
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.
[Methods and material for containn	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand. Do not allow leaked material to pollute rivers, lakes, etc. nent and cleaning up] Wipe off by dry cloth and wash with water. Dispose of pollution or waste in accordance with national, state and local regulations.

7. Handling and storage

[Precautions for safe handling	6
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, i	ncluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

E		
Color	: Light green	
State	: Liquid	
Odor	: slight odor	
рH	: about8.1	
Boiling point	: No information available.[Water 100.0°C]	
Melting point	: No information available.	
Flash point	: No information available.	
Autoignition temperature	: No information available.	
Explosion limits	: No information available.	
Vapor density(air=1)	: No information available.	
Density	: about1.2	
Solubility in water	: soluble	
Evaporation rate	: No information available.	
Volatile	: >60%	
[Other information]	No information available.	

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	· Ostanov 1D
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2–Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic to	oxicity(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic to	oxicity(repeated exposure)
Titanium dioxide	: Category1
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	ent (Acute)
No information available.	
Hazard to the Aquatic Environme	ent (Chronic)
No information available.	
12. Ecological information	
Results of PBT and vPvB asses	sment
	No information available.
[Other adverse effects]	No information available.
13. Disposal considerations	
[Waste treatment methods]	

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Compa	any Identification			
[Product name]		ink (PC-1M/3M/5M) AUS	
 [File No.]	uni POSCA Light pink (PC-1M/3M/5M) AUS 100376E			
[Date of issue]	2020/02/15			
[Details of Manufactur	e]			
-	Manufacture's name:	MITSUBISHI PENCIL C	O., LTD.	
	Address:	5-23-37, HIGASHIOHI		(O, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number:	03-3450-0363
[Details of Supplier]				
	Supplier's name:	Mitsubishi Pencil Austra	alia (ABN:31 085 515)	671)
	Address:	674 Lorimar Street, Po	rt Melbourne VIC 3207	
	Telephone number: (Only office hour are available.)	03 9646 5630		
	Emergency phone number:	03 9646 5630		
2. Hazards identificati	on			
Information of this s	section is about the ink.			
[Classification of the	e substance or mixture]			
PHYSICO-CHEM	ICAL HAZARDS			
Not applicable.				
HEALTH HAZARI	os			
Acute toxicity(oral)		: Not classified	
Acute toxicity(skin)		: Not classified	
Acute toxicity(inhalation steam)		: Not classified	
Skin corrosion/irritation			: Not classified	
Serious eye da	mage/Eye Irritation		: Category2	
Respiratory ser	nsitizer		: Classification not p	ossible
Skin sensitizer			: Classification not p	ossible
Germ cell muta	agenicity		: Category1	
Carcinogenicity	/		: Category2	
Toxic to reproc	duction		: Category1	
Specific target	Specific target organ systemic toxicity(single exposure) : Category1			
Specific target	organ systemic toxicity	(repeated exposure)	: Category1	
Aspiration haza	Aspiration hazard : Not classified			
ENVIRONMENTA	L HAZARDS			
Hazard to the <i>i</i>	Hazard to the Aquatic Environment (Acute) : Not classified			
Hazard to the A	Aquatic Environment (Cl	nronic)	: Not classified	
[Label elements]				
Pictogram				
Signal Word	: Danger			

Hazard Statement

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
2–Propanol	67-63-0		< 10
Ethanol	64-17-5		< 10
1-Propanol	71-23-8		< 1

4. First aid measures

[Description of first aid measure	3]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, inclu	uding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
2-Propanol	-	(TWA)200ppm (STEL)400ppm
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]	[Information or	n basic physic	al and chemical	properties]
---	-----------------	----------------	-----------------	-------------

Color	: Pink
State	: Liquid
Odor	: slight odor
рH	: about7.9
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
2-Propanol	: Category2A
Ethanol	: Category2A
1.2-Ethanediol	

No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic tox	cicity(single exposure)
Titanium dioxide	: Category3
2–Propanol	: Category1
1,2-Ethanediol	: Category1
Specific target organ systemic tox	cicity(repeated exposure)
Titanium dioxide	: Category1
2–Propanol	: Category2
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environmer	nt (Acute)
No information available.	
Hazard to the Aquatic Environmer	nt (Chronic)
No information available.	
Ecological information	
[Results of PBT and vPvB assess	-
F	No information available.
[Other adverse effects]	No information available.
Disposal considerations	
[Waste treatment methods]	rent regulations and standards.
	rent regulations and standards

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Com	pany Identification		
[Product name]		e (PC-1M/3M/5M/7M	1/8K) AUS
 [File No.]	100323E		
[Date of issue]	2020/02/15		
[Details of Manufact	,,,,		
	Manufacture's name:	MITSUBISHI PENCIL CO	
	Address:		SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)		elefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austral	lia (ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identifica	tion		
	s section is about the ink.		
_	the substance or mixture]		
-	- MICAL HAZARDS		
Not applicabl	e.		
HEALTH HAZA			
Acute toxicit	v(oral)		: Not classified
Acute toxicit	-		: Not classified
	y(inhalation steam)		: Not classified
Skin corrosio	-		: Not classified
Serious eye	damage/Eye Irritation		: Category2
Respiratory s			: Classification not possible
Skin sensitize	er		: Classification not possible
Germ cell mu	Itagenicity		: Category1
Carcinogenic			: Category2
Toxic to repr			: Category1
	et organ systemic toxicity	(single exposure)	: Category1
	et organ systemic toxicity		: Category1
Aspiration ha			: Not classified
ENVIRONMENT	AL HAZARDS		
Hazard to the	e Aquatic Environment (A	cute)	: Not classified
	e Aquatic Environment (C		: Not classified
[Label elements]			
Pictogram	: 🔨		
5	(!		
Signal Word	: Danger	×	

- Hazard Statement
- : Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64–17–5		< 10
1–Propanol	71-23-8		< 1
2-Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measure		
Eye contact	Flush eyes with plenty of water for at least 15 minutes.	
	Take off the contact lens if possible	
	Consult medical advice depending on the symptoms.	
Skin contact	Wash skin.	
	Consult medical advice depending on the symptoms.	
	Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	Consult medical advice depending on the symptoms.	
Inhalation	Due to its low vapor pressure inhalation is unlikely at room temperature.	
	If not feeling well, move to an area of fresh air and rest.	
	Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam	
[Special hazards arising from the substance or mixture]		
	No further relevant information available.	
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.	
	Wear suitable protective equipment.	

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, in	cluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color : Orange	
State : Liquid	
Odor : slight odor	
pH : about8.6	
Boiling point : No information available.[Water 100.0°C]	
Melting point : No information available.	
Flash point : No information available.	
Autoignition temperature : No information available.	
Explosion limits : No information available.	
Vapor density(air=1) : No information available.	
Density : about1.2	
Solubility in water : soluble	
Evaporation rate : No information available.	
Volatile : >60%	
[Other information] No information available.	

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.	
[Reactivity]	No data available.	
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.	
	Avoid direct sunlight and high temperature.	
[Incompatible materials]	No information available.	
[Hazardous decomposition products]	No information available.	
[Possibility of hazardous reactions]	No information available.	

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer				
No information available.				
Germ cell mutagenicity	Germ cell mutagenicity			
Ethanol	: Category1B			
Carainaganiaitu				
Carcinogenicity				
1-Propanol	: Category2			
Toxic to reproduction				
2-Propanol	: Category2			
Ethanol	: Category1A			
1-Propanol	: Category2			
Specific target organ systemic t	oxicity(single exposure)			
1,2-Ethanediol	: Category1			
Specific target organ systemic toxicity(repeated exposure)				
Titanium dioxide	: Category1			
Ethanol	: Category1			
1,2-Ethanediol	: Category1			
Aspiration hazard				
No information available.				
Hazard to the Aquatic Environment (Acute)				
No information available.	ent (Acute)			
No information available.				
Hazard to the Aquatic Environm	ent (Chronic)			
No information available.				
12. Ecological information				
[Results of PBT and vPvB asses	ssment]			
	No information available.			
[Other adverse effects]	No information available.			
13. Disposal considerations				
[Waste treatment methods]				

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.	
[HS Code]	960820	
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.	

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Comp	oany Identification		
[Product name]	uni POSCA Pink (PC-1M/3M/5M/7M/8K/17K,PCF-350) AUS		
[File No.]	100320E		
[Date of issue]	2020/02/15		
[Details of Manufactu			
	Manufacture's name:	MITSUBISHI PENCIL C	מדו כ
	Address:		SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)		telefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austra	lia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Por	
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificat	tion		
Information of this	section is about the ink.		
[Classification of t	he substance or mixture]		
PHYSICO-CHEM	MICAL HAZARDS		
Not applicable	9.		
HEALTH HAZAF	RDS		
Acute toxicity	/(oral)		: Not classified
Acute toxicity	/(skin)		: Not classified
Acute toxicity	(inhalation steam)		: Not classified
Skin corrosior	n/irritation		: Not classified
Serious eye d	amage/Eye Irritation		: Category2
Respiratory se	ensitizer		: Classification not possible
Skin sensitize	r		: Classification not possible
Germ cell mut	tagenicity		: Category1
Carcinogenici	ty		: Category2
Toxic to repro	oduction		: Category1
Specific targe	t organ systemic toxicity	(single exposure)	: Category1
Specific targe	t organ systemic toxicity	(repeated exposure)	: Category1
Aspiration haz	zard		: Not classified
ENVIRONMENT	AL HAZARDS		
Hazard to the	Aquatic Environment (A	cute)	: Not classified
Hazard to the	Aquatic Environment (Cl	hronic)	: Not classified
[Label elements]			
Pictogram	: 🔨		
-	</td <td></td> <td></td>		
Signal Word	: Danger	·	

- : Danger
- : Causes serious eye irritation.
- : May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substanc	Mixture		
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64-17-5		< 10
1–Propanol	71-23-8		< 1
2-Propanol	67-63-0		< 1
Polyethylene glycol nonylphenyl ether	9016-45-9		< 1

4. First aid measures

[Description of first aid measures]		
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

2 / 6

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam	
[Special hazards arising from the	substance or mixture]	
	No further relevant information available.	
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.	
	Wear suitable protective equipment.	

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

	[Precautions for safe handling]	
		Do not lick or swallow the ink.
Avoid contact with skin and eyes.		
		Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, including any incompatibilities]		
		Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
		Recommended temperature : 0-40°C
	[Specific end use(s)]	No information available.
		Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight. Recommended temperature : $0-40^{\circ}C$

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

Color	: Pink
State	: Liquid
Odor	: slight odor
рH	: about8.2
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
Polyethylene glycol nonylpheny ether	/l : Category2
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic toxic	ity(single exposure)
1,2-Ethanediol	: Category1
	·· / · · · · · · · · · · · · · · · · ·
Specific target organ systemic toxic	
Titanium dioxide	: Category1
Ethanol 1,2-Ethanediol	: Category1
1,2-Ethanedioi	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environment	(Acute)
No information available.	(((((((((((((((((((((((((((((((((((((((
Hazard to the Aquatic Environment	(Chronic)
No information available.	
12. Ecological information	
[Results of PBT and vPvB assessme	ent]
	No information available.
[Other adverse effects]	No information available.
12 Dispession and identications	
13. Disposal considerations	
[Waste treatment methods]	ut us miletions, and standards
Dispose in accordance with all curre Do not allow it to flow into the drain	
Do not allow it to now into the drain	ages with waste huid.
14. Transport information	
[Environmental hazards]	No information available.
[HS Code]	960820

[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Comp	any Identification		
[Product name]	-	C-1M/3M/5M/7M/8	17K,PCF-350) AUS</th
[File No.]	100318E		
[Date of issue]	2020/02/15		
[Details of Manufactur			
	Manufacture's name:	MITSUBISHI PENCIL CO	. LTD.
	Address:		SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)		elefax number: 03-3450-0363
[Details of Supplier]	(Only office flour are available.)		
	Supplier's name:	Mitsubishi Pencil Austral	ia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	
	Telephone number:	03 9646 5630	
	(Only office hour are available.) Emergency phone	03 9646 5630	
	number:		
2. Hazards identificati	on		
Information of this s	section is about the ink.		
[Classification of th	e substance or mixture]		
PHYSICO-CHEM	ICAL HAZARDS		
Not applicable.			
HEALTH HAZAR	DS		
Acute toxicity	oral)		: Not classified
Acute toxicity	skin)		: Not classified
Acute toxicity	inhalation steam)		: Not classified
Skin corrosion	/irritation		: Not classified
Serious eye da	mage/Eye Irritation		: Category2
Respiratory se	nsitizer		: Classification not possible
Skin sensitizer			: Classification not possible
Germ cell muta	agenicity		: Category1
Carcinogenicity	y		: Category2
Toxic to repro	duction		: Category1
Specific target	organ systemic toxicity	(single exposure)	: Category1
Specific target	organ systemic toxicity	(repeated exposure)	: Category1
Aspiration haza	ard		: Not classified
ENVIRONMENTA	L HAZARDS		
Hazard to the	Aquatic Environment (Ad	cute)	: Not classified
Hazard to the	Aquatic Environment (Cl	nronic)	: Not classified
[Label elements]			
Pictogram	:		
	()		
Signal Word	: Danger	•	

Hazard Statement

: Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64–17–5		< 10
1–Propanol	71-23-8		< 1
2-Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measures]		
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and	d effects, both acute and delayed]	
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from the	ne substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

	[Personal precautions, protective equipment and emergency procedures]
	Rone off the area to contain the leak and prohibit

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for contai	nment and cleaning up]
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

7. Handling and storage

[Precautions for safe handling]			
	Do not lick or swallow the ink.		
	Avoid contact with skin and eyes.		
	Recap after use (if there is a cap), and keep out of the reach of infants.		
[Conditions for safe storage, including any incompatibilities]			
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.		
	Recommended temperature : 0-40°C		
[Specific end use(s)]	No information available.		

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls] Protective equipment Respiratory protection Hands protection Eye protection Skin protection		 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

	•••
Color	: Red
State	: Liquid
Odor	: slight odor
pН	: about8.4
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.1
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1–Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
i i ropanoi	. Outogoryz
Specific target organ systemic to	oxicity(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic to	oxicity(repeated exposure)
Titanium dioxide	: Category1
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	ent (Acute)
No information available.	
Hazard to the Aquatic Environme	ent (Chronic)
No information available.	
12. Ecological information	
[Results of PBT and vPvB asses	sment]
	No information available.
[Other adverse effects]	No information available.
Lother adverse effects]	NO INOTHALION AVAILADIE.
12 Dispacel considerations	
13. Disposal considerations	
[Waste treatment methods]	

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Comp	pany Identification		
[Product name]	uni POSCA Red wi	ne (PC-1M/3M/5M/	BK) AUS
[File No.]	100378E	•	
[Date of issue]	2020/02/15		
[Details of Manufactu	ure]		
-	Manufacture's name:	MITSUBISHI PENCIL CO	D., LTD.
	Address:	5-23-37, HIGASHIOHI,	SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281 t	elefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austra	lia (ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identificat			
_	section is about the ink.		
_	he substance or mixture]		
	MICAL HAZARDS		
Not applicable			
HEALTH HAZAF			
Acute toxicity			: Not classified
Acute toxicity			: Not classified
Acute toxicity(inhalation steam)			: Not classified
Skin corrosior			: Not classified
	lamage/Eye Irritation		: Category2
Respiratory se			: Classification not possible
Skin sensitize			: Classification not possible
Germ cell mut			: Category1
Carcinogenici	ty		: Category2
Toxic to repro	oduction		: Category1
Specific targe	et organ systemic toxicity	(single exposure)	: Category1
Specific targe	et organ systemic toxicity	(repeated exposure)	: Category1
Aspiration haz	zard		: Not classified
ENVIRONMENT	AL HAZARDS		
Hazard to the	Hazard to the Aquatic Environment (Acute)		: Not classified
Hazard to the	Hazard to the Aquatic Environment (Chronic) : Not classified		: Not classified
[Label elements]			
Pictogram			
Signal Word	: Danger	~	

Hazard Statement

: Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64-17-5		< 10
1–Propanol	71–23–8		< 1
2–Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measure	
Eye contact	Flush eyes with plenty of water for at least 15 minutes.
	Take off the contact lens if possible
	Consult medical advice depending on the symptoms.
Skin contact	Wash skin.
	Consult medical advice depending on the symptoms.
	Thoroughly clean and dry contaminated clothing and shoes before reuse.
Ingestion	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.
	Consult medical advice depending on the symptoms.
Inhalation	Due to its low vapor pressure inhalation is unlikely at room temperature.
	If not feeling well, move to an area of fresh air and rest.
	Consult medical advice depending on the symptoms.
[Most important symptoms and effects, both acute and delayed]	
	No information available.
[Indication of any immediate medical attention and special treatment needed]	
	No information available.

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for containment and cleaning up]	
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, in	cluding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

OSHA	ACGIH
(TWA)15mg/m3	(TWA)10mg/m3
-	(TWA)1000ppm
-	(STEL)100mg/m3
	 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

E	
Color	: Red
State	: Liquid
Odor	: slight odor
рH	: about8.2
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.3
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >70%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2–Propanol	: Category2
Ethanol	: Category1A
1–Propanol	: Category2
Specific target organ systemic t	oxicity(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic t	oxicity(repeated exposure)
Titanium dioxide	: Category1
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environm	ent (Acute)
No information available.	
Hazard to the Aquatic Environm	ent (Chronic)
No information available.	
12. Ecological information	
Results of PBT and vPvB asses	nomont]
LRESULTS OF PBT and VPVB asses	
[Other phases of the stal	No information available.
[Other adverse effects]	No information available.
13. Disposal considerations	
[Waste treatment methods]	

Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Com	pany Identification		
[Product name]	uni POSCA Silver	(PC-1M) AUS	
[File No.]	100313E		
[Date of issue]	2020/02/15		
[Details of Manufact	ure]		
	Manufacture's name:	MITSUBISHI PENCIL C	0., LTD.
	Address:	5-23-37, HIGASHIOH	I, SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austr	alia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Po	rt Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identifica	tion		
Information of this	s section is about the ink.		
[Classification of t	the substance or mixture]		
PHYSICO-CHE	MICAL HAZARDS		
Not applicabl	e.		
HEALTH HAZA	RDS		
Acute toxicit	y(oral)		: Not classified
Acute toxicit	y(skin)		: Not classified
Acute toxicit	y(inhalation steam)		: Not classified
Skin corrosio	n/irritation		: Not classified
Serious eye	damage/Eye Irritation		: Not classified
Respiratory s	sensitizer		: Classification not possible
Skin sensitize	er		: Classification not possible
Germ cell mu	Itagenicity		: Classification not possible
Carcinogenic	ity		: Classification not possible
Toxic to repr	oduction		: Category2
Specific targ	et organ systemic toxicity	(single exposure)	: Classification not possible
Specific targ	Specific target organ systemic toxicity(repeated exposure) : Category1		: Category1
Aspiration ha	izard		: Not classified
ENVIRONMENT	AL HAZARDS		
Hazard to the	e Aquatic Environment (A	cute)	: Classification not possible
Hazard to the	e Aquatic Environment (C	hronic)	: Not classified
[Label elements]			
Pictogram			

Signal Word Hazard Statement : Danger

: Suspected of damaging fertility or the unborn child

: Causes damage to organs through prolonged or repeated exposure

Precautionary Statement

- : Do not breathe dust/vapours etc..
- : Do not eat, drink or smoke when using this product.
- : Use personal protective equipment as required.(Refer to Section 8)
- : Get medical advice/attention if you feel unwell.
- : IF exposed or concerned: Get medical advice/attention.
- : Dispose in accordance with all current regulations and standards.[Other hazards]No information available.

3. Composition/information on ingredients

[The chemical product is a substance	e or a mixture]	Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Aluminum (as paste)	7429-90-5		< 10
Glycerine	56-81-5		< 10
Propanol, 1-methoxy-	107-98-2		< 10
2–Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measures]		
Eye contact : Flu	ush eyes with plenty of water for at least 15 minutes.	
: Та	ke off the contact lens if possible	
: Co	onsult medical advice depending on the symptoms.	
Skin contact : Wa	ash skin.	
: Co	onsult medical advice depending on the symptoms.	
: Th	noroughly clean and dry contaminated clothing and shoes before reuse.	
	nse mouth, give plenty of water to dilute. No specific intervention is indicated compound is not likely to be hazardous by ingestion.	
: Co	onsult medical advice depending on the symptoms.	
Inhalation : Du	e to its low vapor pressure inhalation is unlikely at room temperature.	
: If r	not feeling well, move to an area of fresh air and rest.	
: Co	onsult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
Νο	o information available.	
[Indication of any immediate medical attention and special treatment needed]		
Να	p information available.	
No	o information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from the	substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for contai	nment and cleaning up]
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, incl	uding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]

Chemical name	OSHA	ACGIH
Aluminum (as paste)	_	(TWA)10ppm
Glycerine	_	(TWA)10mg/m3
Propanol, 1-methoxy-	-	(TWA)100ppm (STEL)150ppm

[Exposure controls]Protective equipmentRespiratory protectionHands protectionEye protectionSkin protectionSkin protection

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Color	:	Silver
State	:	Liquid
Odor	:	slight odor
pН	:	about8.0

MITSUBISHI PENCIL CO., LTD.

Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.1
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >70%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
6 1 1 1 1 1 1 1 1	
Serious eye damage/Eye Irritation	
No information available.	
Respiratory sensitizer	
No information available.	
Skin sensitizer	
No information available.	
No information available.	
Germ cell mutagenicity	
No information available.	
Carcinogenicity	
No information available.	

	WITSUBISHI FENOLE CO., ETD.
Toxic to reproduction 2-Propanol	: Category2
Specific target organ systemic tox No information available.	icity(single exposure)
Specific target organ systemic tox Aluminum (as paste)	icity(repeated exposure) : Category1
Aspiration hazard No information available.	
Hazard to the Aquatic Environmen No information available.	t (Acute)
Hazard to the Aquatic Environmen No information available.	t (Chronic)
12. Ecological information [Results of PBT and vPvB assessr [Other adverse effects]	nent] No information available. No information available.
 13. Disposal considerations [Waste treatment methods] Dispose in accordance with all curr Do not allow it to flow into the dra 	-

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3" $\,$

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Com	pany Identification			
[Product name]	uni POSCA Sky blue (PC-1M/3M/5M) AUS			
[File No.]	100379E			
[Date of issue]	2020/02/15			
[Details of Manufact	ure]			
	Manufacture's name:	MITSUBISHI PENCIL (CO., LTD.	
	Address:	5–23–37, HIGASHIOH	II, SHINAGAWA,	TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number:	03-3450-0363
[Details of Supplier]				
	Supplier's name:	Mitsubishi Pencil Austr	ralia(ABN:31 085	515 671)
	Address:	674 Lorimar Street, Po	ort Melbourne VIC	3207
	Telephone number: (Only office hour are available.)	03 9646 5630		
	Emergency phone number:	03 9646 5630		
2. Hazards identifica	tion section is about the ink.			
_	_			
_	he substance or mixture]			
	MICAL HAZARDS			
Not applicable HEALTH HAZAI				
			· Not close:fied	
Acute toxicity(oral) : Not classified				
	Acute toxicity(skin) : Not classified			
Acute toxicity(inhalation steam)			: Not classified : Not classified	
Skin corrosion/irritation				
Respiratory s	lamage/Eye Irritation		: Category2 : Classification	not possible
Skin sensitize			: Classification	
Carcinogenici	Germ cell mutagenicity : Category1 Carcinogenicity : Category2			
Toxic to repr			: Category1	
	et organ systemic toxicity	(single exposure)	: Category1	
	et organ systemic toxicity		: Category1	
Aspiration ha			: Not classified	
ENVIRONMENT				
	e Aquatic Environment (A	cute)	: Not classified	
	e Aquatic Environment (C		: Not classified	
[Label elements]	<u>-</u>	···-,		
Pictogram				
1 locoBrain				
	\mathbf{v}			

Signal Word Hazard Statement : Danger

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
2–Propanol	67-63-0		< 10
Ethanol	64-17-5		< 10
1-Propanol	71-23-8		< 1

4. First aid measures

[Description of first aid measur	es]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.
	Wear appropriate protection gear.
	Do not work in the leeward.
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.
	Do not allow leaked material to pollute rivers, lakes, etc.
[Methods and material for contain	ment and cleaning up]
	Wipe off by dry cloth and wash with water.
	Dispose of pollution or waste in accordance with national, state and local regulations.
[Reference to other sections]	No information available.

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, incl	uding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
2-Propanol	-	(TWA)200ppm (STEL)400ppm
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

[Information of	on basic physica	l and chemical	properties
Linomation	n buolo phyolou	i una ononnou	bi oboi cioo]

	•••
Color	: Sky blue
State	: Liquid
Odor	: slight odor
pН	: about8.6
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
2-Propanol	: Category2A
Ethanol	: Category2A
1.2-Ethanediol	

Respiratory sensitizer	
No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic tox	cicity(single exposure)
2-Propanol	: Category1
1,2-Ethanediol	: Category1
Specific target organ systemic tox	cicity(repeated exposure)
Titanium dioxide	: Category1
2-Propanol	: Category2
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environmen	nt (Acute)
No information available.	
Hazard to the Aquatic Environmen	nt (Chronic)
No information available.	
12. Ecological information	
[Results of PBT and vPvB assess	ment]
	No information available.
[Other adverse effects]	No information available.
13. Disposal considerations	
[Waste treatment methods]	

13. [

Dispose in accordance with all current regulations and standards.

Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Com	pany Identification		
[Product name]		grey (PC-1M/3M/5M/	(8K) ALIS
[File No.]	100380E		010 A03
[Date of issue]	2020/02/15		
[Details of Manufact			
	Manufacture's name:	MITSUBISHI PENCIL CO	
	Address:		SHINAGAWA, TOKYO, JAPAN
	Telephone number:		elefax number: 03-3450-0363
	(Only office hour are available.)		
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austral	ia(ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identifica	t's s		
	section is about the ink.		
	the substance or mixture]		
	MICAL HAZARDS		
Not applicabl			
HEALTH HAZA			
Acute toxicit			: Not classified
Acute toxicit			: Not classified
	y(inhalation steam)		: Not classified
Skin corrosio			: Not classified
	damage/Eye Irritation		: Category2
Respiratory s			: Classification not possible
Skin sensitize			: Classification not possible
Germ cell mu			: Category1
Carcinogenic			: Category2
Toxic to repr			: Category1
	et organ systemic toxicity		: Category1
	et organ systemic toxicity	(repeated exposure)	: Category1
Aspiration ha			: Not classified
ENVIRONMENT	AL HAZARDS		
Hazard to the	e Aquatic Environment (A	cute)	: Not classified
	e Aquatic Environment (Cl	hronic)	: Not classified
[Label elements]	•	•	
Pictogram			
Signal Word	: Danger		

- **o** .
- : Causes serious eye irritation.
- : May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required.(Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.
	 Do not eat, drink or smoke when using this product. Use personal protective equipment as required. (Refer to Section 8) Get medical advice/attention if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Dispose in accordance with all current regulations and standards.

$\label{eq:composition} \textbf{3. Composition/information on ingredients}$

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
Ethanol	64–17–5		< 10
1–Propanol	71-23-8		< 1
2-Propanol	67-63-0		< 1

4. First aid measures

[Description of first aid measure	3]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.		
	Wear appropriate protection gear.		
	Do not work in the leeward.		
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.		
	Do not allow leaked material to pollute rivers, lakes, etc.		
[Methods and material for containment and cleaning up]			
	Wipe off by dry cloth and wash with water.		
	Dispose of pollution or waste in accordance with national, state and local regulations.		
[Reference to other sections]	No information available.		

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, inclu	uding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

OSHA	ACGIH
(TWA)15mg/m3	(TWA)10mg/m3
-	(TWA)1000ppm
-	(STEL)100mg/m3
	 Not required. Not required. Not required. Not required. Not required.

9. Physical and chemical properties

E	
Color	: Grey
State	: Liquid
Odor	: No information available.
pН	: about8.2
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
Ethanol	: Category2A
1,2-Ethanediol	: Category2B

Respiratory sensitizer

No information available.

Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic to	oxicity(single exposure)
1,2-Ethanediol	: Category1
Specific target organ systemic to	aviaity (repeated avaaaura)
Titanium dioxide	
Ethanol	: Category1
	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environme	ent (Acute)
No information available.	
Hazard to the Aquatic Environme	ent (Chronic)
No information available.	,
10 Easteria disfamontian	
12. Ecological information	.1
[Results of PBT and vPvB asses	
	No information available.
[Other adverse effects]	No information available.
13. Disposal considerations	
[Waste treatment methods]	

[Waste treatment methods] Dispose in accordance with all current regulations and standards. Do not allow it to flow into the drainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Compa	any Identification			
[Product name]		ink (PC-1M/3M/5M) AUS	
 [File No.]	uni POSCA Light pink (PC-1M/3M/5M) AUS 100376E			
[Date of issue]	2020/02/15			
[Details of Manufactur	e]			
-	Manufacture's name:	MITSUBISHI PENCIL C	O., LTD.	
	Address:	5-23-37, HIGASHIOHI		(O, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281	telefax number:	03-3450-0363
[Details of Supplier]				
	Supplier's name:	Mitsubishi Pencil Austra	alia (ABN:31 085 515)	671)
	Address:	674 Lorimar Street, Po	rt Melbourne VIC 3207	
	Telephone number: (Only office hour are available.)	03 9646 5630		
	Emergency phone number:	03 9646 5630		
2. Hazards identificati	on			
Information of this s	section is about the ink.			
[Classification of the	e substance or mixture]			
PHYSICO-CHEM	ICAL HAZARDS			
Not applicable.				
HEALTH HAZARI	os			
Acute toxicity(oral)		: Not classified	
Acute toxicity(skin)		: Not classified	
Acute toxicity(inhalation steam)		: Not classified	
Skin corrosion/irritation			: Not classified	
Serious eye da	mage/Eye Irritation		: Category2	
Respiratory ser	nsitizer		: Classification not p	ossible
Skin sensitizer			: Classification not p	ossible
Germ cell muta	agenicity		: Category1	
Carcinogenicity	/		: Category2	
Toxic to reproc	duction		: Category1	
Specific target organ systemic toxicity(single exposure)		: Category1		
Specific target	organ systemic toxicity	(repeated exposure)	: Category1	
Aspiration hazard : Not classified				
ENVIRONMENTA	L HAZARDS			
Hazard to the Aquatic Environment (Acute)		: Not classified		
Hazard to the Aquatic Environment (Chronic)		: Not classified		
[Label elements]				
Pictogram				
Signal Word	: Danger			

Hazard Statement

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
[Other hazards]	No information available.

3. Composition/information on ingredients

[The chemical product is a substance or a mixture]		Mixture	
[Chemical nature]	[Component parts]	Ink	
Chemical name	Cas No.		Concentration range(wt%)
Water	7732-18-5		50-80
Titanium dioxide	13463-67-7		10-30
1,2-Ethanediol	107-21-1		< 10
2–Propanol	67-63-0		< 10
Ethanol	64-17-5		< 10
1-Propanol	71-23-8		< 1

4. First aid measures

[Description of first aid measure	3]	
Eye contact	: Flush eyes with plenty of water for at least 15 minutes.	
	: Take off the contact lens if possible	
	: Consult medical advice depending on the symptoms.	
Skin contact	: Wash skin.	
	: Consult medical advice depending on the symptoms.	
	: Thoroughly clean and dry contaminated clothing and shoes before reuse.	
Ingestion	: Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.	
	: Consult medical advice depending on the symptoms.	
Inhalation	: Due to its low vapor pressure inhalation is unlikely at room temperature.	
	: If not feeling well, move to an area of fresh air and rest.	
	: Consult medical advice depending on the symptoms.	
[Most important symptoms and effects, both acute and delayed]		
	No information available.	
[Indication of any immediate medical attention and special treatment needed]		
	No information available.	

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, inclu	uding any incompatibilities]
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
2-Propanol	-	(TWA)200ppm (STEL)400ppm
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

[Information on basic physical and chemical properties]	[Information or	n basic physic	al and chemical	properties]
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Color	: Pink
State	: Liquid
Odor	: slight odor
рH	: about7.9
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
2-Propanol	: Category2A
Ethanol	: Category2A
1.2-Ethanediol	

No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1-Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic tox	cicity(single exposure)
Titanium dioxide	: Category3
2–Propanol	: Category1
1,2-Ethanediol	: Category1
Specific target organ systemic tox	cicity(repeated exposure)
Titanium dioxide	: Category1
2–Propanol	: Category2
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environmer	nt (Acute)
No information available.	
Hazard to the Aquatic Environmer	nt (Chronic)
No information available.	
Ecological information	
[Results of PBT and vPvB assess	-
F	No information available.
[Other adverse effects]	No information available.
Disposal considerations	
[Waste treatment methods]	rent regulations and standards.
	rent regulations and standards

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SAFETY DATA SHEET

1. Product and Com	pany Identification		
[Product name]	uni POSCA Beige ((PC-1M/3M/5M/8K)	AUS
[File No.]	100372E	,	
[Date of issue]	2020/01/28		
- [Details of Manufactı			
-	- Manufacture's name:	MITSUBISHI PENCIL CO	D., LTD.
	Address:	5-23-37, HIGASHIOHI,	SHINAGAWA, TOKYO, JAPAN
	Telephone number: (Only office hour are available.)	03-3458-6281 t	elefax number: 03-3450-0363
[Details of Supplier]			
	Supplier's name:	Mitsubishi Pencil Austra	lia (ABN:31 085 515 671)
	Address:	674 Lorimar Street, Port	Melbourne VIC 3207
	Telephone number: (Only office hour are available.)	03 9646 5630	
	Emergency phone number:	03 9646 5630	
2. Hazards identifica	tion		
Information of this	section is about the ink.		
[Classification of t	he substance or mixture]		
PHYSICO-CHE	MICAL HAZARDS		
Not applicable	e.		
HEALTH HAZAI	RDS		
Acute toxicity	/(oral)		: Not classified
Acute toxicity	y(skin)		: Not classified
Acute toxicity	(inhalation steam)		: Not classified
Skin corrosio	n/irritation		: Not classified
Serious eye o	lamage/Eye Irritation		: Category2
Respiratory s	ensitizer		: Classification not possible
Skin sensitize	r		: Classification not possible
Germ cell mu	tagenicity		: Category1
Carcinogenici	ty		: Category2
Toxic to repr	oduction		: Category1
Specific targe	et organ systemic toxicity	(single exposure)	: Category1
Specific targe	et organ systemic toxicity	(repeated exposure)	: Category1
Aspiration ha	zard		: Not classified
ENVIRONMENT	AL HAZARDS		
Hazard to the	Aquatic Environment (Ad	cute)	: Not classified
Hazard to the	Aquatic Environment (Cl	hronic)	: Not classified
[Label elements]			
Pictogram			
Signal Word	: Danger	•	

Hazard Statement

Dungon

: Causes serious eye irritation.

: May cause genetic defects

	: Suspected of causing cancer
	: May damage fertility or the unborn child
	: Causes damage to organs
	: Causes damage to organs through prolonged or repeated exposure
autionary Statement	
	: Do not breathe dust/vapours etc
	: Do not eat, drink or smoke when using this product.
	: Use personal protective equipment as required. (Refer to Section 8)
	: Get medical advice/attention if you feel unwell.
	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing.
	: IF exposed or concerned: Get medical advice/attention.
	: If eye irritation persists: Get medical advice/attention.
	: Dispose in accordance with all current regulations and standards.
er hazards]	No information available.
	 Causes damage to organs Causes damage to organs through prolonged or repeated exposure Do not breathe dust/vapours etc Do not eat, drink or smoke when using this product. Use personal protective equipment as required. (Refer to Section 8) Get medical advice/attention if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easys to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Dispose in accordance with all current regulations and standards.

$\label{eq:composition} \textbf{3. Composition/information on ingredients}$

or a mixture]	Mixture	
[Component parts]	Ink	
Cas No.		Concentration range(wt%)
7732-18-5		50-80
13463-67-7		10-30
107-21-1		< 10
67-63-0		< 10
64-17-5		< 10
71-23-8		< 1
•	[Component parts] Cas No. 7732-18-5 13463-67-7 107-21-1 67-63-0 64-17-5	[Component parts] Ink Cas No. 7732-18-5 13463-67-7 107-21-1 67-63-0 64-17-5

4. First aid measures

[Description of first aid measure	
Eye contact	Flush eyes with plenty of water for at least 15 minutes.
	Take off the contact lens if possible
	Consult medical advice depending on the symptoms.
Skin contact	Wash skin.
	Consult medical advice depending on the symptoms.
	Thoroughly clean and dry contaminated clothing and shoes before reuse.
Ingestion	Rinse mouth, give plenty of water to dilute. No specific intervention is indicated as compound is not likely to be hazardous by ingestion.
	Consult medical advice depending on the symptoms.
Inhalation	Due to its low vapor pressure inhalation is unlikely at room temperature.
	If not feeling well, move to an area of fresh air and rest.
	Consult medical advice depending on the symptoms.
[Most important symptoms and	ects, both acute and delayed]
	No information available.
[Indication of any immediate me	al attention and special treatment needed]
	No information available.

5. Firefighting measures

[Extinguishing media]	Regular dry chemical, carbon dioxide, water, regular foam
[Special hazards arising from t	he substance or mixture]
	No further relevant information available.
[Advice for firefighters]	Stay upwind and keep out of low areas and avoid inhalation of material or combustion by-products.
	Wear suitable protective equipment.

6. Accidental release measures

[Personal precautions, protective equipment and emergency procedures]

	Rope off the area to contain the leak and prohibit entrance except for authorized persons.	
	Wear appropriate protection gear.	
	Do not work in the leeward.	
[Environmental precautions]	Collect leaked material in empty container after leading outflow to a safe area containing earth and sand.	
	Do not allow leaked material to pollute rivers, lakes, etc.	
[Methods and material for containment and cleaning up]		
	Wipe off by dry cloth and wash with water.	
	Dispose of pollution or waste in accordance with national, state and local regulations.	
[Reference to other sections]	No information available.	

7. Handling and storage

[Precautions for safe handling]	
	Do not lick or swallow the ink.
	Avoid contact with skin and eyes.
	Recap after use (if there is a cap), and keep out of the reach of infants.
[Conditions for safe storage, including any incompatibilities]	
	Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.
	Recommended temperature : 0-40°C
[Specific end use(s)]	No information available.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m3	(TWA)10mg/m3
2-Propanol	-	(TWA)200ppm (STEL)400ppm
Ethanol	-	(TWA)1000ppm
1,2-Ethanediol	-	(STEL)100mg/m3
[Exposure controls]		
Protective equipment		: Not required.
Respiratory protection		: Not required.
Hands protection		: Not required.
Eye protection		: Not required.
Skin protection		: Not required.

9. Physical and chemical properties

Color	: Beige
State	: Liquid
Odor	: No information available.
pН	: about8.0
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.2
Solubility in water	: soluble
Evaporation rate	: No information available.
Volatile	: >60%
[Other information]	No information available.

10. Stability and reactivity

[Chemical stability]	This mixture is stable in normal temperature and pressure.
[Reactivity]	No data available.
[Conditions to avoid]	Avoid heat, flames, sparks and other sources of ignition.
	Avoid direct sunlight and high temperature.
[Incompatible materials]	No information available.
[Hazardous decomposition products]	No information available.
[Possibility of hazardous reactions]	No information available.

11. Toxicological information

[Information on toxicological effects]	
Acute toxicity(oral)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(skin)	
Not classified	: >2000 mg/kg (estimate value)
Acute toxicity(inhalation:vapours)	
Not classified	: >20 mg/L (estimate value)
Skin corrosion/irritation	
No information available.	
Serious eye damage/Eye Irritation	
Titanium dioxide	: Category2B
2-Propanol	: Category2A
Ethanol	: Category2A
1.2-Ethanediol	

Respiratory sensitizer	
No information available.	
Skin sensitizer	
No information available.	
Germ cell mutagenicity	
Ethanol	: Category1B
Carcinogenicity	
1–Propanol	: Category2
Toxic to reproduction	
2-Propanol	: Category2
Ethanol	: Category1A
1-Propanol	: Category2
Specific target organ systemic to	kicity(single exposure)
Titanium dioxide	: Category3
2-Propanol	: Category1
1,2-Ethanediol	: Category1
Specific target organ systemic to	kicity(repeated exposure)
Titanium dioxide	: Category1
2-Propanol	: Category2
Ethanol	: Category1
1,2-Ethanediol	: Category1
Aspiration hazard	
No information available.	
Hazard to the Aquatic Environmer	nt (Acute)
No information available.	
Hazard to the Aquatic Environmer	nt (Chronic)
No information available.	
Ecological information	.1
[Results of PBT and vPvB assess	-
	No information available.
[Other adverse effects]	No information available.
Disposal considerations	
Disposal considerations	
[Waste treatment methods]	mont regulations and standards
Dispose in accordance with all cur	
Do not allow it to flow into the dra	ainages with waste fluid.

14. Transport information

[Environmental hazards]	No information available.
[HS Code]	960820
[Special precautions for user]	Check the container for any leakage. Load a cargo without a dropping or incurring damage, and take causion against collapse of container.

15. Regulatory information

Information of this section is about the ink.

[Safety, health and environmental regulations/legislation specific for the substance or mixture] Follow all regulation in your country.

[Chemical safety assessment]

Ink or lead are manufactured in accordance with "ISO 8124-3 :2010 Safety of Toys - Part 3"

16. Other information

- The information is based on our present knowledge at the date of its publication, and designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
- This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.