

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni POSCA Fluorescent orange (PC-5M/8K) AUS
 [File No.] 100359E
 [Date of issue] 2020/02/15
 [Details of Manufacture]
 Manufacture's name: MITSUBISHI PENCIL CO., LTD.
 Address: 5-23-37, HIGASHIOHI, SHINAGAWA, TOKYO, JAPAN
 Telephone number: 03-3458-6281 telefax number: 03-3450-0363
 (Only office hour are available.)

[Details of Supplier]

Supplier's name: Mitsubishi Pencil Australia (ABN:31 085 515 671)
 Address: 674 Lorimar Street, Port Melbourne VIC 3207
 Telephone number: 03 9646 5630
 (Only office hour are available.)
 Emergency phone number: 03 9646 5630

2. Hazards identification

Information of this section is about the ink.

[Classification of the substance or mixture]

PHYSICO-CHEMICAL HAZARDS

Not applicable.

HEALTH HAZARDS

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	: Not classified
Respiratory sensitizer	: Classification not possible
Skin sensitizer	: Classification not possible
Germ cell mutagenicity	: Category1
Carcinogenicity	: Classification not possible
Toxic to reproduction	: Category1
Specific target organ systemic toxicity(single exposure)	: Category1
Specific target organ systemic toxicity(repeated exposure)	: Category1
Aspiration hazard	: Not classified

ENVIRONMENTAL 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

: May cause genetic defects

: 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]	[Component parts]	Ink
Chemical name	Cas No.	Concentration range(wt%)
Water	7732-18-5	50-80
1,2-Ethanediol	107-21-1	< 10
Titanium dioxide	13463-67-7	< 10
2-Propanol	67-63-0	< 1
Ethanol	64-17-5	< 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.

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.

8. Exposure controls/personal protection

[Control parameters]		
Chemical name	OSHA	ACGIH
Titanium dioxide	(TWA)15mg/m ³	(TWA)10mg/m ³
1,2-Ethanediol	–	(STEL)100mg/m ³

[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	: Fluorescent orange
State	: Liquid
Odor	: slight odor
pH	: about 8.1
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	: about 1.1
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	
	No information available.
Respiratory sensitizer	
	No information available.
Skin sensitizer	
	No information available.

Germ cell mutagenicity

Ethanol : Category1B

Carcinogenicity

No information available.

Toxic to reproduction

Polyethylene glycol nonylphenyl ether : Category2

2-Propanol : Category2

Ethanol : Category1A

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide : 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 assessment]

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 caution 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.