

# SAFETY DATA SHEET

## 1. Product and Company Identification

[Product name] uni POSCA Light blue (PC-1MR) AUS  
 [File No.] 100306E  
 [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                          | : Category2                   |
| Respiratory sensitizer                                     | : 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                   |
| 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 : 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 easy 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 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.<br>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.<br>Wear appropriate protection gear.<br>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.<br>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.<br>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.<br>Avoid contact with skin and eyes.<br>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.<br>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   | : 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                    | : Light blue                                |
| State                    | : Liquid                                    |
| Odor                     | : slight odor                               |
| pH                       | : about 7.9                                 |
| 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                  | : about 1.2                                 |
| 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.<br>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 : Category 2B

Ethanol : Category 2A

1,2-Ethenediol : Category 2B

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 toxicity(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.

## 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.