
SAFETY DATA SHEET

Date of issue: 27/Mar/2023

1. Identification of the substance/mixture and of the company/undertaking

【1.1. Product identifier】

Product name: Pencil lead for uni POSCA Pencil all color

[Product No.] KPE-200

[INK color] White/ Yellow/ Bright-yellow/ Orange/ Green/ Khaki-green/ Light-blue/
Navy-blue/ Prussian-blue/ Fuchsia/ Dark-red/ Red/ Vermilion/ Dark-olive/
Ochre/ Brown/ Dark-brown/ Light-grey/ Black/ Lemon-yellow/ Ash-brown/
Emerald-green/ Blue/ Lilac/ Mauve/ Grey/ Blue-green/ Ivory/ Light-pink/
Fresh-green/ Light-orange/ Dark-grey/ Coral-pink/ Green-tea/ Pine-green
Light-ochre

【1.2. Relevant identified uses of the substance or mixture and uses advised against】

Recommended Use: Writing instrument

【1.3.Details of the supplier of the safety data sheet】

[Manufacturer]

Company name: Mitsubishi Pencil Co., LTD.

Address: 5-23-37, Higashi-Ohi, Shinagawa-ku, Tokyo, Japan

Telephone number: +81-3-3458-6964

FAX: +81-3-3458-3713

[Supplier]

Company name: Mitsubishi Pencil Aistralia (ABN: 31 085 515 671)

Address: 674 Lorimar Street, Port Melbourne VIC 3207

Telephone number: 03 9646 5630

2. Hazards identification

【2.1.Classification of the substance or mixture】

[HEALTH HAZARDS]

Skin sensitization: Category 1

[ENVIRONMENT HAZARDS]

Hazardous to the aquatic environment (Long-term): Category 3

(Note) GHS classification without description: Not classified/Classification not possible

【2.2.Label elements】

[Pictogram]



[Signal word]Warning

[HAZARD STATEMENT]

H317 May cause an allergic skin reaction

H412 Harmful to aquatic life with long lasting effects

[PRECAUTIONARY STATEMENT]

(Prevention)

P273 Avoid release to the environment.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 Wear protective gloves.
P272 Contaminated work clothing should not be allowed out of the workplace.

(Response)

P321 Specific treatment is required.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

(Disposal)

P501 Dispose of contents/container in accordance with local/national regulation.

【2.3.Other hazards】

No data available.

3. Composition/information on ingredients

【3.2.Mixture】

Ingredient name	CAS No.	ECNO	Content (%)
Rosin	8050-09-7	232-475-7	< 10
Zinc oxide	1314-13-2	215-222-5	< 1

[Components contributing to the hazard]

No data available.

4. First-aid measures

【4.1.Descriptions of first-aid measures】

[IF INHALED]

Get medical advice/attention if you feel unwell.

[IF ON SKIN (or hair)]

Rinse skin with water or shower.

Wash contaminated clothing before reuse.

Gently wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

If you observe unusual symptom, have irritation/pain and/or feel unwell, seek medical advice.

[IF IN EYES]

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

[IF SWALLOWED]

Rinse mouth with water.

Get medical advice/attention if you feel unwell.

【4.2.Most important symptoms and effects, both acute and delayed】

No data available.

【4.3.Indication of any immediate medical attention and special treatment needed】

No data available.

5. Fire-fighting measures

【5.1.Extinguishing media】

[Suitable extinguishing media]

In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

[Unsuitable extinguishing media]

No data available.

【5.2. Specific hazards arising from the substance or mixture】

No data available.

【5.3. Advice for firefighters】

Fight fire with normal precautions from a reasonable distance.

Shut off fuel to fire if possible to do so without hazard.

Wear appropriate protective equipment.

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

6. Accidental release measures

【6.1. Personnel precautions, protective equipment and emergency procedures】

Keep unauthorized personnel away.

Wear proper protective equipment.

Stand at upwind. Evacuate personnel at downwind.

【6.2. Environmental precautions】

Prevent spills from entering sewers, watercourses or low areas.

【6.3 Methods and materials for containment and cleaning up】

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.

Collect spillage.

Consult an expert on the disposal of recovered material.

Stop leak if safe to do so.

7. Handling and storage

【7.1 Precautions for safe handling】

[Preventive measures]

(Exposure Control for handling personnel)

Do not breathe dust/mist.

(Protective measures against fire and explosion)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

[Safety Measures]

Use personal protective equipment as required.

[Incompatibilities] No information.

[Advice on general occupational hygiene]

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

【7.2 Storage】

[Conditions for safe storage]

Protect from sunlight. Store in a well-ventilated place.

[Container and packaging materials for safe handling]

Keep only in original packaging.

【7.3 Specific end use(s)】

No data available.

8. Exposure controls/personal protection

【8.1 Control parameters】

[Adopted value]

(Rosin)

ACGIH(2020) TWA: 0.001mg/m³(I) (Asthma; resp & eye irr; dermal & resp sens) (Resin acids, as total Resin acids)

(Zinc oxide)
 ACGIH(2003) TWA: 2mg/m³(R)
 STEL: 10mg/m³(R) (Metal fume fever)

【8.2 Exposure controls】

[Individual protection measures]

(Skin and body protection)

Personal protective equipment for the body and skin should be selected based on the task being performed and the risks involved.

9. Physical and Chemical Properties

【9.1 Information on basic physical and chemical properties】

Physical state	Solid
Color	Various
Odor	No data available.
Odor threshold	No data available.
Melting point/Freezing point	No data available.
Boiling point or initial boiling point	No data available.
Boiling range	No data available.
Flammability (gases, liquids and solids)	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Self-Accelerating Decomposition Temperature/SADT	No data available.
pH	No data available.
Dynamic viscosity	No data available.
Kinematic viscosity	No data available.
Solubility in water	Insoluble
Solubility in solvent	No data available.
n-Octanol/water partition coefficient	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Density and/or relative density	No data available.
Relative vapor density (Air=1)	No data available.
Relative density of the Vapor/air – mixture at 20°C (Air = 1)	No data available.
Particle characteristics	No data available.

【9.2 Other information】

No further information

10. Stability and Reactivity

【10.1 Reactivity】

No data available.

【10.2 Chemical stability】

Stable under atmospheric pressure at room temperature.

【10.3 Possibility of hazardous reactions】

No data available.

【10.4 Conditions to avoid】

See SDS section 7 – Handling and storage.

【10.5 Incompatible materials】

No data available.

【10.6 Hazardous decomposition products】

No data available.

11. Toxicological Information

【11.1 Information on toxicological effects】

Acute toxicity (Oral)	>2,000mg/kg (Estimated value)
Acute toxicity (Dermal)	>2,000mg/kg (Estimated value)
Acute toxicity (Inhalation)	>20mg/L (Estimated value)
Skin corrosion/irritation	No data available.
Serious eye damage/irritation	No data available.
Respiratory sensitization	No data available.
Skin sensitization	Ingredients classified as Category 1 Rosin
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT–single exposure	No data available.
STOT–repeated exposure	No data available.
Aspiration hazard	No data available.

【11.2 Information on other hazards】

No data available.

12. Ecological Information

【12.1 Ecotoxicity】

[Hazardous to the aquatic environment (Acute)]

No data available.

[Hazardous to the aquatic environment (Long-term)]

Ingredients classified as Category 1 and their respective M factors

Zinc oxide (M=1)

【12.2 Persistence and degradability】

No data available.

【12.3 Bioaccumulative potential】

No data available.

【12.4 Mobility in soil】

No data available.

【12.5 Results of PBT and vPvB assessment】

No data available.

【12.6 Endocrine disrupting properties】

No data available.

【12.7 Other adverse effects】

No data available.

13. Disposal considerations

【13.1 Waste treatment methods】

Avoid release to the environment.

Dispose of contents/container in accordance with local/national regulation.

14. Transport Information

【14.1 UN No. or ID No.】

Not applicable

【14.2 UN Proper Shipping Name】

Not applicable

【14.3 Class or division (Transport hazard class)】

Not applicable

【14.4 Packing group】

Not applicable

【14.6 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

【15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture】

Follow all regulation in your country.

【15.2 Chemical safety assessment】

No chemical safety assessment has been carried out for this product.

16. Other information

[Reference Book]

Globally Harmonized System of classification and labelling of chemicals, UN
Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN
IMDG Code, 2018 Edition (Incorporating Amendment 39-18)
IATA Dangerous Goods Regulations (62nd Edition) 2021
2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)
2022 TLVs and BEIs. (ACGIH)
Supplier's data/information

[General Disclaimer]

This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)).