

SAFETY DATA SHEET according to Regulation (EC) No.1907/2006

1. Product and Company Identification

[Product name] **INK for uni-ball Singo (UM-153/153S) Basic color**
 [File No.] **304465B** (Black/ Blue/ Red/ Blue-black/ Green/White)
 [Date of issue] **2021/12/23**
 [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 France S.A**
 Address: **32 Avenue Pierre Grenier, 92517 BOULOGNE BILLANCOURT CEDEX, FRANCE**
 Telephone number: **33 (1) 46 94 33 33** telefax number: **33 (1) 46 94 33 00**
 (Only office hour are available.)
 Emergency phone number: **33 (1) 46 94 33 33**

2. Hazards identification

[Classification of the substance or mixture] Classification (REGULATION (EC) No 1272/2008)

HEALTH HAZARDS

Skin corrosion/irritation : **Category3**
 Skin sensitizer : **Category1**

[Label elements] Classification (REGULATION (EC) No 1272/2008)

Pictogram



Signal Word

: **Warning**

Hazard Statement

: **Causes mild skin irritation**
 : **May cause an allergic skin reaction**

Precautionary Statement

: **Do not breathe dust/vapours etc..**
 : **Wash contaminated clothing before reuse.**
 : **IF ON SKIN: Wash with plenty of soap and water.**
 : **If skin irritation occurs: Get medical advice/attention.**
 : **If skin irritation or rash occurs: 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%)	Classification (REGULATION (EC) No 1272/2008)
Water	7732-18-5	< 80	
Titanium dioxide	13463-67-7	< 30	
1,2-Ethanediol	107-21-1	< 10	Acute Tox.4; H302
2-Methylpentan-2,4-diol	107-41-5	< 10	Skin Irrit.2; H315 Eye Irrit2; H319
Propylene Glycol	57-55-6	< 10	
Triethanolamine	102-71-6	< 10	
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	4719-04-4	< 1	Acute Tox.4; H302 Skin Sens.1; H317
2-Methyl-4-isothiazolin-3-one	2682-20-4	< 1	Acute Tox.2; H330 Acute Tox.3; H311 Acute Tox.3; H301 Skin Corr.1B; H314 Eye Dam.1; H318 Skin Sens.1A; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410

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 with soap and water for at least 15 minutes while removing contaminated clothing and shoes.
: 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]

Avoid contact with skin and eyes.

Recap after use, and keep out of the reach of infants.

Do not lick or swallow.

[Conditions for safe storage, including any incompatibilities]

Keep away from oxidizing materials, ignition sources, high temperature and direct sunlight.

Use a container to fill up at the time of shipment.

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-Ethandiol	–	(STEL)100mg/m ³
Triethanolamine	–	(TWA)5mg/m ³

[Exposure controls]

Protective equipment	: Not required.
Respiratory protection	: Not required.
Hands protection	: Although not necessary in particular, persons with hypersensitivity are recommended to wear protective gloves in terms of contact protection.
Eye protection	: It is not particularly necessary, but the person of the erethism recommends in particular the wearing of protection glasses from an aspect of the contact defense.
Skin protection	: It is not particularly necessary, but the person of the erethism recommends in particular the wearing of protection clothes from an aspect of the contact defense.

9. Physical and chemical properties

[Information on basic physical and chemical properties]

Physical State	: Liquid
Color	: Black/ Blue/ Red/ Blue-black/ Green/White
Odor	: No information available.
Melting point / Freezing point	: No information available.
Boiling point or initial boiling point	: No information available.[Water 100.0°C]
Lower and upper explosion limit/flammability limitExplosion limits	: No information available.
Flash point	: No information available.[2-Methylpentan-2,4-diol 97.0°C]
Autoignition temperature	: No information available.[2-Methylpentan-2,4-diol 306.0°C]
pH	: No information available.
Solubility in water	: No information available.
Density and/or relative density	: about1.1
Relative vapor density (Air=1)	: No information available.
Evaporation rate	: No information available.
[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)	
Classification not possible	: No information available.
Acute toxicity(inhalation:vapours)	
Classification not possible	: No information available.
Skin corrosion/irritation	
2-Methylpentan-2,4-diol	: Category2
Serious eye damage/Eye Irritation	
No information available.	
Respiratory sensitizer	
No information available.	

Skin sensitizer

1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol : Category 1

2-Methyl-4-isothiazolin-3-one : Category 1

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

No information available.

Specific target organ systemic toxicity(repeated exposure)

No information available.

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

[Toxicity for fish] No information available.

[Toxicity for crustaceans] No information available.

[Toxicity for algae] No information available.

[Persistence and degradability] No information available.

[Bioaccumulative potential] No information available.

[Mobility in soil] No information available.

[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

[Transport hazard class(es)]	Not applicable.
[UN number, proper shipping name]	–
[Packing group]	–
[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

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

Follow all regulation in your country.

[Chemical safety assessment]

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

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.

H301–Toxic if swallowed

H302–Harmful if swallowed

H311–Toxic in contact with skin

H314–Causes severe skin burns and eye damage

H315–Causes skin irritation

H317–May cause an allergic skin reaction

H318–Causes serious eye damage

H319–Causes serious eye irritation.

H330–Fatal if inhaled

H400–Very toxic to aquatic life

H410–Very toxic to aquatic life with long lasting effect