

SAFETY DATA SHEET

1. Product and Company Identification

[Product name] uni-ball Signo UM-153/153S Basic color
(Black/ Blue/ Red/ Blue-black/ Green/ White)

[File No.] 304459E

[Date of issue] 2021/05/20

[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	: Category3
Serious eye damage/Eye Irritation	: Category2
Respiratory sensitizer	: Classification not possible
Skin sensitizer	: Category1
Germ cell mutagenicity	: Classification not possible
Carcinogenicity	: Category2
Toxic to reproduction	: Classification not possible
Specific target organ systemic toxicity(single exposure)	: Category1
Specific target organ systemic toxicity(repeated exposure)	: Category1
Aspiration hazard	: Classification not possible

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute)	: Classification not possible
Hazard to the Aquatic Environment (Chronic)	: Not classified

[Label elements]

Pictogram



Signal Word : Danger

Hazard Statement : Causes mild skin irritation

: May cause an allergic skin reaction

- : Causes serious eye irritation.
- : Suspected of causing cancer
- : 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.
- : Wash contaminated clothing before reuse.
- : IF ON SKIN: Wash with plenty of soap and water.
- : 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 skin irritation occurs: Get medical advice/attention.
- : If skin irritation or rash occurs: 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%)
Titanium dioxide	13463-67-7	10-30
Water	7732-18-5	10-30
1,2-Ethanediol	107-21-1	< 10
2-Methylpentan-2,4-diol	107-41-5	< 10
Carbon black	1333-86-4	< 10
Propylene Glycol	57-55-6	< 10
Triethanolamine	102-71-6	< 10
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.

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.
 Don't shake.

[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
Carbon black	–	(TWA)3.5mg/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 : Not required.
 Eye protection : Not required.
 Skin protection : Not required.

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 : 7–9
 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)

Not classified : >2000 mg/kg (estimate value)

Acute toxicity(inhalation:vapours)

Not classified : >20 mg/L (estimate value)

Skin corrosion/irritation

1,2-Ethanediol : Category2

Triethanolamine : Category2

Serious eye damage/Eye Irritation

1,2-Ethanediol : Category2B

Triethanolamine : Category2A

2-Methylpentan-2,4-diol : Category2A

Respiratory sensitizer

No information available.

Skin sensitizer

Triethanolamine : Category1

Germ cell mutagenicity

No information available.

Carcinogenicity

Titanium dioxide : Category2

Carbon black : Category2

Toxic to reproduction

No information available.

Specific target organ systemic toxicity(single exposure)

Propylene Glycol : Category1

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Titanium dioxide	: Category1
Propylene Glycol	: Category1
Carbon black	: 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]

960810

[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.