

SAFETY DATA SHEET

1. Product and Company Identification

[Product name]	Uni Pin Fine Line Black Pen – Pack of 5 Uni Pin Fine Line Black Pen – Pack of 8 Uni Pin Fine Line Black Pen – Pack of 12 Uni Pin Fine Line Pen – Pack of 3 (0.2mm) Uni Pin Fine Line Pen – Pack of 3 (0.5mm) Uni Pin Fine Line Pen – Pack of 3 (0.8mm)
[Product code]	UM2005, UM2008, UM2012, UM32, UM35, UM38
[File No.]	103030E
[Date of issue]	2020/02/20
[Details of Supplier]	<p>Supplier's name: Modern Teaching Aids Pty Ltd</p> <p>Address: Level 1, 122-126 Old Pittwater Road, Brookvale, NSW, Australia 2100</p> <p>Telephone number: 1800 251 497</p> <p>ABN: 98 000 628 786</p>

Emergency telephone number: Poison Centre 13 11 26

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	:	Classification not possible
Serious eye damage/Eye Irritation	:	Classification not possible
Respiratory sensitizer	:	Classification not possible
Skin sensitizer	:	Classification not possible
Germ cell mutagenicity	:	Classification not possible
Carcinogenicity	:	Category2
Toxic to reproduction	:	Category2
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)	:	Classification not possible

[Label elements]

Pictogram :



Signal Word : Danger

Hazard Statement : Suspected of causing cancer

: Suspected of damaging 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
Carbon black	1333-86-4	10-30
Glycerine	56-81-5	10-30
1,2-Ethanediol	107-21-1	< 10
2-Aminoethanol	141-43-5	< 1
Ethylene glycol butyl ether	111-76-2	< 1

4. First aid measures

[Description of first aid measures]

Eye contact	<ul style="list-style-type: none">: 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	<ul style="list-style-type: none">: Wash skin.: Consult medical advice depending on the symptoms.: Thoroughly clean and dry contaminated clothing and shoes before reuse.
Ingestion	<ul style="list-style-type: none">: 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	<ul style="list-style-type: none">: 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
	Carbon black	–	(TWA)3.5mg/m ³
	1,2-Ethanediol	–	(STEL)100mg/m ³
	Glycerine	–	(TWA)10mg/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	: Black
State	: Liquid
Odor	: slight odor
pH	: about9.3
Boiling point	: No information available.[Water 100.0°C]
Melting point	: No information available.
Flash point	: No information available.[Glycerine 177.0°C]
Autoignition temperature	: No information available.
Explosion limits	: No information available.
Vapor density(air=1)	: No information available.
Density	: about1.1
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

No information available.

Carcinogenicity

Carbon black : Category2

Toxic to reproduction

Ethylene glycol butyl ether : Category2

2-Aminoethanol : Category2

Specific target organ systemic toxicity(single exposure)

1,2-Ethanediol : Category1

Specific target organ systemic toxicity(repeated exposure)

Carbon black : 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.