

# SAFETY DATA SHEET -

Issue 6.1

Issue 6.1  
Date: Sept 2023

## 1. Identification

**Product Name:** Printing Ink  
**Other Names:** Block Printing Ink  
**Uses:** Hand/lino Printing

**Company** Modern Teaching Aids Pty Ltd  
**ABN** 98 000 628 786  
**Address** Level 1, 122-126 Old Pittwater Road, Brookvale, NSW, Australia 2100  
**Telephone** 1800 251 497  
**Supplier Code**  
**Emergency Phone Number** Australia – 13 11 26 (Poisons Information Centre)

## 2. Hazards Information:

Not classified as hazardous according to criteria in the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulation 2001

**HSNO Classification(s):** Non Hazardous  
**Pictograms(s):** Non-Applicable  
**Signal Words:** Non-Applicable  
**Hazard Statement(s):** Non-Hazardous  
**Prevention Statement(s):** ----  
**Response Statement(s):** ----  
**Storage Statement(s):** ----  
**Disposal Statement(s):** ----  
**UN Number:** Non-Applicable  
**Dangerous Goods Class & Sub Risk:** Non-Applicable  
**Poisons Schedule:** Non-Poisonous

# SAFETY DATA SHEET

- Issue 6.1

## 3. Composition / Information on Ingredients:

*Ingredients determined to be non-hazardous.*

<u>Chemical Entity</u>	<u>CAS Number</u>	<u>Concentration / %:</u>
Water	7732-18-5	to 100
Pigments	Various Organic & Inorganic	<i>Commercial in Confidence</i>
Acrylic Polymers	Water-based emulsion	<i>Commercial in Confidence</i>
Preservative	70445 - 33 – 9	0.03%

Mono Propylene Glycol, Isothiazolinone, Derivate and Water

*NOTE: The physical data presented above are typical values only and should not be construed as a specification.*

## 4: First Aid Measures:

For advice contact the National Poisons Centre NZ, phone 0800 764 766 [0800 POISON] or a doctor. Have the product label or this Safety Data Sheet at hand.

**Ingestion:** Not harmful if a small quantity is ingested. Clean mouth with water and drink afterwards plenty of water. Treat symptomatically. In case of an accident or if you feel unwell, seek medical advice immediately (show the label where possible). Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Skin:** Irritation may result upon prolonged contact. Wash with soap and water. In the case of skin irritation or allergic reactions, see a doctor. Get medical attention if irritation develops and persists.

**Eye contact:** Mild irritation. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. Treat symptomatically. In case of an accident or if you feel unwell, seek medical advice immediately (show the label where possible). If easy to do so, remove contact lenses. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337

**Inhalation:** No inhalation hazard. If needed, remove to fresh air. Treat symptomatically. In case of an accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**First Aid Facilities:** Eyewash and washroom facilities.

**Advice to Doctor:** Treat symptomatically. The product contains no toxic components.

# SAFETY DATA SHEET

Printing Ink - Issue 6.1

## 5. Fire-fighting measures

<b>Flammability:</b>	Product is non-combustible.
<b>Suitable extinguishing media:</b>	Water, foam, dry chemical or carbon dioxide (CO <sub>2</sub> ) as appropriate for surrounding materials.
<b>Hazards from combustion:</b>	Non-specified harmful and/or irritating fumes or gases.
<b>Decomposition temperature:</b>	Will not occur.
<b>Specific hazards:</b>	Prevent extinguishing media from entering waterways, drains or sewers. Material can boil above 100°C/212°F.
<b>HAZCHEM Code:</b>	Not applicable.
<b>Precautions for fire-fighters:</b>	Wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to product and smoke.

## 6. Accidental release measures

### Emergency procedures:

**Person-related safety:** No Special precautions.

Wear personal protection equipment to minimise exposure. Contain spill. If unable to recover liquid, absorb with an inert absorbent material (sand, sawdust, soil). Collect and place in a labelled container that can be sealed before disposal. If contamination of waterways, drains or sewers occurs, immediately inform the local council and emergency services.

## 7. Handling and storage

### Precautions for Safe Handling:

Read label before use. Do not take internally. Avoid contact with eyes. Wash hands with cool soapy water immediately after use. Follow good occupational hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Wash contaminated clothing before re-use. Keep containers closed when not in use.

### Conditions for Safe Storage:

Store in a cool well-ventilated place in original container.  
Minimum storage temperature 1°C. Do not exceed 38°C.  
Keep from freezing. Store in a cool, dry place away from direct sunlight. Ensure lid is tightly closed when not in use.

# SAFETY DATA SHEET

Printing Ink - Issue 6.1

## 8. Exposure controls/personal protection

**Health Exposure Standards:** No Workplace Exposure Standards (WES) have been set by WorkSafe NZ for components in this substance.

**Biological limit values:** None established.

### Personal Protective Equipment:

**Respiratory Protection:** Respiratory protection may be necessary under certain use conditions (airbrush equipment or some other form of atomizing spray equipment). Under such conditions, an approved respirator with a replaceable mist filter according to local standards (AS/NZS 1715), must be worn.

**Eye Protection:** Recommended to wear safety glasses to avoid contact with eyes.

**Skin/ Body Protection:** Wear impervious gloves, e.g. nitrile, PVC, overalls, boots.

**Other Information:** Selection and use of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian/New Zealand Standards, including:

**AS/NZS 1336:** Eye and face protection – Guidelines.

**AS/NZS 1337:** Personal eye protection - Eye and face protectors for occupational applications.

**AS/NZS 1715:** Selection, use and maintenance of respiratory protective equipment.

**AS/NZS 2161:** Occupational protective gloves.

**AS/NZS 2210:** Occupational protective footwear.

**AS/NZS 4501:** Occupational protective clothing set.

## 9. Physical and chemical properties

<b>Appearance:</b>	High Viscous Liquid
<b>Colour:</b>	Wide Colour Range.
<b>Odour:</b>	Pleasant - Very Slight.
<b>Odour threshold:</b>	Not available
<b>pH:</b>	7.5 – 8.5
<b>Melting point/Freezing point (0C):</b>	No data available
<b>Boiling point/range (0C):</b>	> 100°C
<b>Decomposition temperature (0C):</b>	No data available
<b>Flash point (0C):</b>	Non-flammable
<b>Flammability (solid, gas):</b>	Not applicable
<b>Upper/lower flammability limits:</b>	Not applicable

# SAFETY DATA SHEET

Printing Ink - Issue 6.1

<b>Vapour pressure:</b>	Not Determined
<b>Vapour density (Air=1):</b>	No data available
<b>Relative density:</b>	1.17-1.30
<b>Solubility in water:</b>	Infinitely Miscible
<b>Partition coefficient (log Pow):</b>	Not available
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Kinematic viscosity:</b>	Not determined

## 10. Stability and reactivity

**Chemical Stability:** Stable under normal conditions of handling and storage.

**Conditions to avoid:** Extremes of temperature and direct sunlight, and incompatible materials.

**Incompatible materials:** Strong oxidizers, alkalis, acids.

**Hazardous decomposition products:** Thermal decomposition may produce toxic or irritating fumes and gases.

**Hazardous polymerization:** Not known to occur.

## 11. Toxicological information

Based on information on components in product and mixture classification rules.

**Acute toxicity:** Product is not classified as toxic by oral, dermal or inhalation exposure routes.

Effective Route:	LD50 (mg/kg):	Information:
Oral	>5000	As calculated from ingredients.
Dermal	>5000	As calculated from ingredients.
Inhalation	No data available.	No data available.

**Aspiration hazard:** Product does not contain any component identified with aspiration hazard.

**Respiratory irritation:** Product contains components identified with respiratory irritation hazard, but the classification threshold is not triggered.

**Skin corrosion/irritation:** The product is considered relatively harmless to the skin. Irritation and skin reactions are possible with sensitive skin. But the classification threshold is not triggered.

**Serious eye damage/irritation:** Product contains components identified with corrosive or irritant properties, but the classification threshold is not triggered.

**Respiratory or skin sensitization:** Product contains components identified with respiratory and skin sensitization, but the classification is not triggered.

**Germ cell mutagenicity:** Product does not contain components identified as presumed or suspected mutagens.

# SAFETY DATA SHEET

Printing Ink - Issue 6.1

**Carcinogenicity:** Product does not contain components identified as presumed or suspected carcinogens.

**Reproductive toxicity:** Product does not contain any components identified as presumed or suspected of impairing fertility or the unborn child.

**Specific organ toxicity:** Product does not contain any components identified as presumed or suspected of damaging organs.

**Narcotic effects:** Product does not contain any component identified with having narcotic effects.

Toxicological Information: Not available for product.

## 12. Ecological information

**Eco-toxicity:** This product is not considered to have ecological toxicity.

**Eco-toxicity (aquatic and terrestrial):**

Effective Route:	LD50 (mg/kg):	Information:
Aquatic	>100	As calculated from ingredients.
Terrestrial	No data available.	No data available.

**Persistence and Degradability:** No data available.

**Biodegradability:** 100%.

**Mobility in Soil:** No data available.

## 13. Disposal considerations:

**Disposal Methods:** Rinse, reuse or recycle. Waste is not classified as hazardous. Empty containers retain product residues. Allow empty containers to dry before disposal. It is recommended to dispose of excess/unwanted product through paint recycling or disposal service. Do not allow product to enter drains or watercourses or dispose of where ground or surface waters may be affected.

Dispose of empty containers in accordance with local or National regulations. Incinerate if appropriate facility/equipment is available. Do not use container for storing any other product.

# SAFETY DATA SHEET

Printing Ink - Issue 6.1

## 14. Transport information

**New Zealand & Australia:** This product is not classified as a Dangerous Goods according to the New Zealand and Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and rail.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

**Air Transport:** Not classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. Note: May vary from country to country.

**Marine Transport (IMO/IMDG):** Not classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code - IMDG Code) for transport by sea.

**UN Number:** Not applicable.

**Proper Shipping Name:** Not regulated

**DG Class:** -

**Subsidiary Risk:** -

**Packing Group:** -

**HAZCHEM:** -

## 15. Regulatory information:

### New Zealand:

Not classified as a hazardous substance according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

**HSNO Approval number:** None allocated

**SUSMP Poisons Schedule:** None allocated.

### HSNO Controls:

Refer to [www.epa.govt.nz](http://www.epa.govt.nz) for EPA Notices and Controls relating to this product and use.

Also refer to WorkSafe NZ, [www.worksafe.govt.nz](http://www.worksafe.govt.nz) for information.

**Industrial Chemicals (Notification and Assessment) Act 1989:** Australia All ingredients are listed on or exempt from the Australia Inventory of Chemical Substances (AICS). United States (TSCA) All ingredients are on the inventory or exempt from listing.

## 16. Other information:

**Date of Issue:** Sept 2023

**Reasons for issue:** Update SDS

**Replaces:** REV:5

# SAFETY DATA SHEET

Printing Ink - Issue 6.1

**Allergy information:** Due care has been taken to ensure this product does not contain any food derivatives or food-based products however, we cannot guarantee the same applies to any of our suppliers of the individual components of this product. FAS | Fine Art Supplies Ltd normal practice is not to provide a list of ingredients due to commercial sensitivity but we welcome direct case-by-case communication with the end user to assist with this issue on a personal basis.

## Abbreviations:

<b>EC50</b>	50% effect concentration
<b>EEL</b>	Environmental Exposure Limit
<b>EPA</b>	Environmental Protection Authority
<b>HSNO</b>	Hazardous Substance and New Organisms
<b>LD50</b>	50% lethal dose
<b>STEL</b>	Short-Term Exposure Limit (15-minute exposure period)
<b>TWA</b>	Time-Weighted Average (8 hours exposure period)
<b>WES</b>	Workplace Exposure Standard

## References:

**EPA** [www.epa.govt.nz](http://www.epa.govt.nz)  
Supplier Safety Data Sheets

## Other:

The information contained herein is given in good faith, but no warranty, expressed or implied, is made. Consult the supplier if additional information or explanation is required.

## Disclaimer:

Although the information and recommendations set down here in this document are presented in good faith and believed to be correct, Modern Teaching Aids Pty Ltd makes no representations as to the completeness and accuracy thereof. In no event will Modern Teaching Aids Pty Ltd be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which the information refers.

*End of safety data sheet*