

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: SHUR/MARK™ slide marking pen, black.

Catalogue Number: ID010B.

Other Names: Solvent base ink.

Recommended Use: Laboratory Marker.

Supplier Name: ProSciTech

Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia

Telephone Number: (07) 4773 9444 **Fax Number:** (07) 4773 2244

Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.

Hazardous and/or HAZARDOUS SUBSTANCE. DANGEROUS GOODS.

Dangerous Nature:

Risk Phrases: R10: Flammable.

R20: Harmful by inhalation.

R36: Irritating to eyes.

Safety Phrases: S2: Keep out of reach of children.

S24/25: Avoid contact with skin and eyes.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

SUBSTANCE: **Chemical Identity:** Printing Ink

Common Name(s): -

CAS Number(s): -

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Propylene glycol monomethyl ether	107-98-2	40
Diacetone alcohol	123-42-2	31
Cyclohexanone	108-94-1	18
Vinyl resin	25086-48-0	6
Solvent Black 7	8005-02-5	4

SECTION 4 - FIRST AID MEASURES

Swallowed: Seek immediate medical attention.

Eye: Wash with plenty of water; if irritation persists seek medical attention.

Skin: Wash with plenty of water; if irritation persists seek medical attention.

Inhaled: Seek fresh air, give artificial respiration if not breathing, get immediate medical attention.

First Aid Facilities: Eyebath/eyewash & Safety shower.

Medical Attention & Special Treatment:

Not available.

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Foam, CO2, dry chemical, water spray.

Hazards from Combustion Products:

Unknown. Could explode when heated excessively.

Precautions for Fire Fighters:

Wear appropriate fire fighting gear for surrounding fire.

Hazchem Code: 3YE

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Not available.

Containment and clean up:

Remove all ignition sources, ventilate area, use absorbent material to clean spill.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Wash after handling; use good workplace hygiene and workspace cleanliness. Use in a well ventilated area.

Conditions for Safe Storage:

Keep away from sources of ignition/high temperatures and strong oxidisers. Store in a cool place (room temperature).

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: Propylene glycol monomethyl ether (CAS Number 107-98-2):
TWA 100ppm
TWA 369mg/m³

STEL 150ppm
STEL 553mg/m³

Diacetone alcohol (CAS Number 123-42-2):
TWA 50ppm
TWA 238mg/m³

Cyclohexanone (CAS Number 108-94-1):
TWA 25ppm
TWA 100mg/m³

Biological Limit Values: No biological limit allocated.

Engineering Controls:

Use in a well ventilated area.

Personal Protective Equipment:

None should be needed. It is recommended to use gloves, safety glasses and protective clothing to prevent skin contact.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Thin liquid.
Odour: Slight pungent odour.
pH: Not available.
Vapour pressure (mm of Hg at 25°C): 15mm of Hg at 20°C.
Vapour density: (Air = 1) : 35
Boiling point/range (°C): Range: 120°C – 171°C.
Freezing/melting point (°C): Not available.
Solubility: g/L at 25°C : partial (water)
Specific gravity or density: <1.0
Flash Point: 32°C.
Flammable (explosive) limits: Not available.
Ignition temperature: Not available.

Additional Information:

Viscosity: 12.5 SECS FORD Cup.

Percent Volatile by volume: 85%

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.
Conditions to avoid: Heat, open flame and sparks. Contact with incompatible materials.
Incompatible Materials: Strong oxidizers.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and unidentified organic combustion products.
Hazardous Reactions: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects:

Ingestion:

Headache, dizziness, nausea, anesthesia, coughing, throat irritation are all symptoms. Symptoms can vary among individuals.

Inhalation:

Headache, dizziness, nausea, anesthesia, coughing, throat irritation are all symptoms. Symptoms can vary among individuals.

Skin Contact:

Anesthesia and irritation are symptoms. Symptoms can vary among individuals.

Eye Contact:

Eye irritation.

Human/Animal data: Not available.

Carcinogenicity: Not available.

SECTION 12 – ECOLOGICAL INFORMATION
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Ecotoxicity: Not available.

Persistence and degradability: Not available.

Mobility: Not available.

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:

Dispose of waste in accordance with local and federal regulations.

Special Precautions:

Not available.

SECTION 14 - TRANSPORT INFORMATION

UN Number: UN1210

UN Proper Shipping Name: Printing Ink

Class and Subsidiary risk: 3

Packing Group: III

Special Precautions for User: Not available.

Hazchem Code: 3YE

SECTION 15 - REGULATORY INFORMATION
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Poison Schedule Number: None allocated.

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: August 10

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.