

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Meltmount™ Quick-Stick™ mounting medium.

Catalogue Number: I011.

Other Names:

Recommended Use: Mounting Medium.

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: Not classified as hazardous according to criteria of NOHSC.

Hazardous and/or NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Dangerous Nature:

Risk Phrases:

Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE:

Chemical Identity:	Meltmount.
Common Name(s):	
CAS Number(s):	Trade Secret

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Halogenated diphenyl oxide	trade secret	0-100
Natural hydrocarbons	trade secret	0-100

SECTION 4 - FIRST AID MEASURES

Swallowed: Wash out of mouth, contact physician immediately.

Eye: Flush with low pressure water for 15 minutes. Contact physician immediately.

Skin: If in molten state, flush with water. Contact physician immediately.

Inhaled: Remove to fresh air, consult physician.

First Aid Facilities: Eyebath/eyewash & Safety shower.

Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide, dry chemical, foam, or water spray

Hazards from Combustion Products:

Combustion with other fuels may release hydrogen bromide and / or bromine vapors.

Finely divided dust may be flammable (not likely at *C.I.U.).

Precautions for Fire Fighters:

Use NIOSH / mesa approved SCBA.

Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Containment and clean up:

Absorb or scrape up, place in plastic (polyethylene or polypropylene) container, cap or twist tie closure (see Section 8).

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Wear protective gloves and avoid inhaling vapors when working with this product in its molten state.

Conditions for Safe Storage:

Store between 18 °c and 32 °c. Avoid continual direct sunlight.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit.

Engineering Controls:

Work in fume removing hood when this product is in its molten state. Hood only required when heated in an open container above 40°C otherwise use at temperature of 4°C - 40°C in a room having normal air changes 2/hr.

Personal Protective Equipment:

Lab apron recommended as protection from hot spills.

Protective gloves: mandatory when this product is in molten state. Plastic coated, insulated.

Eye protection: mandatory when this product is in molten state.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Colourless to amber, soft solid

Odour: Slight characteristic odour.

pH: Not available.

Vapour pressure (mm of Hg at 25°C): Not available.

Vapour density: Not available.

Boiling point/range (°C): Not available.

Freezing/melting point (°C): 65 °C.

Solubility: Negligible.

Specific gravity or density: Temp. 23 °C (H₂O = 1): 1.04 – 2.46

Flash Point: > 204°C (C.O.C).

Flammable (explosive) limits: Not available.

Ignition temperature: Not available.

Additional Information:

Evaporation rate at 760 mm Hg & 23 °C: (MINERAL OIL = 1) = < 1.

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Heat.

Incompatible Materials: None.

Hazardous Decomposition Products: Combustion with other fuels may release hydrogen bromide and / or bromine vapours.

Hazardous Reactions: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects:

Ingestion:

There is potential for damage to health from long-term chronic exposure by ingestion at high levels. Chronic oral exposure to low levels may result in liver damage. Not likely at C.I.U.

Inhalation:

There is potential for damage to health from long-term chronic exposure by inhalation, not likely at C.I.U.

Skin Contact:

There is potential for damage to health from long-term chronic exposure by dermal contact at high levels. Not likely at C.I.U.

Eye Contact:

May cause eye irritation, not likely at C.I.U.

Human/Animal data: Not available.

Carcinogenicity: Not available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Persistence and degradability: Not available.

Mobility: Not available.

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS**Disposal Methods:**

All chemical disposals must be in accordance with current local, state, and federal regulations.

Special Precautions:**SECTION 14 - TRANSPORT INFORMATION**

UN Number: Not regulated.

UN Proper Shipping Name: Not regulated.

Class and Subsidiary risk: Not regulated.

Packing Group: Not regulated.

Special Precautions for User: Not available.

Hazchem Code:

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated.

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: August 10

Comments:

*(Abbreviation C.I.U.) Conditions of Intended and normal Use: As a mounting medium at a normal room pressure (760mm Hg), temperature 4°C – 70°C in a non misted/non airborne state in a hood^ having 80-100 fpm rating, in a trained and supervised laboratory/ industrial setting using standard GL / GM procedures.

See sections 7 & 8

^ Hood only required when heated in an open container above 40°C otherwise use at temperature of 4°C - 40°C in a room having normal air changes (2)/hr.

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.