

MATERIAL SAFETY DATA SHEET

My-T-Bond uPVC Priming Fluid

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Classified as Hazardous According to Criteria of Worksafe Australia

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IDENTIFICATION

Product name: My-T-Bond uPVC Priming Fluid
Shipping name: Methyl ethyl ketone.
Manufacturer's Product Code: 207.
UN Number: 1193
Dangerous Goods Class: 3
Subsidiary Risk: None allocated
Hazchem Code: 2 [Y] E
Poisons Schedule Number: 5
Packaging Group: II
Use: Manual application for cleaning and priming uPVC pipes and fittings.

Physical Description/Properties

Appearance: A thin, red or clear liquid having a characteristic odour
Boiling Point: 80°C
Vapour Pressure: > 78 mm Hg @ 20°C
Specific Gravity: approx. 0.81
Flash Point: -4°C (closed cup).
Flammability Limits (% by volume): LEL = 1.7; UEL = 11.4
Solubility in Water: 23 g/100 mL at 20°C

Ingredients:

Chemical Name:	CAS Number:	Proportion:
Methyl ethyl ketone	78-93-3	> 60%

HEALTH HAZARD INFORMATION**Health Effects****Acute:**

Swallowed: May result in abdominal spasms, nausea and vomiting. May cause lung damage if aspiration occurs during swallowing or vomiting.

Eye: Strong irritant. Liquid may injure eye tissue. Vapour may produce irritation and pain.

Skin : Mildly irritant. MEK can be absorbed through the skin but order of toxicity is low.

Inhaled: Vapours in high concentration may cause marked irritation of the eyes, nose and throat as well as coughing, CNS depression and shortness of breath. Signs of anaesthesia such as headaches, drowsiness and dizziness and ultimately loss of consciousness may also occur.

Chronic: Repeated or prolonged skin contact may defat the skin and lead to irritant contact dermatitis.

First Aid

Swallowed: Do NOT induce vomiting. If conscious give water. Call a doctor or the Poisons Information Centre immediately.

Eye: Hold eyelids open and flush with large amounts of water for 15 minutes. Seek medical advice immediately.

Skin: Remove contaminated clothing. Wash with water and if available, soap. Seek medical advice.

Inhaled: Remove affected person to fresh air. Restore breathing if necessary. Seek medical advice.

Facilities: Eyewash station, safety showers, washroom facilities.

Advice to Doctor:

Treat symptomatically. Look for aspiration into lungs

PRECAUTIONS FOR USE

Exposure Standards: Methyl ethyl ketone TWA = 150ppm

Engineering Controls: Ensure that the air concentrations are below the exposure limits. Use in well natural ventilated areas or with local flameproof exhaust ventilation.

Personal Protection:

Respiratory: Respirator not required under normal use. In the event of a major spillage use a full face cartridge type respirator suitable for organic vapours. (for selection guide see AS 1715)

Skin: Impervious gloves such as neoprene rubber or polyethylene gloves and any clothing that may minimise skin contact.

Eye Protection: Safety glasses with side shields.

Flammability: This product is highly flammable. Ensure good general ventilation. Do not smoke while using product. Do not use near heat non-flameproof electrical equipment or open flames – vapours may ignite at distant ignition sources. Solvent vapours are heavier than air and can accumulate in pits, basements or other low lying areas creating an asphyxiation and fire hazard. Take steps to prevent static build-up or discharge.

SAFE HANDLING INFORMATION

Storage and Transport: Store in a cool dry place with good low level ventilation. Keep away from heat, flames and ignition sources. Do not store in pits or basements where a build up of vapours could occur. Store away from strong oxidising or reducing agents. The Proper Shipping name for this product is METHYL ETHYL KETONE. This product is a Class 3, PG II flammable liquid and must be transported in accordance with the requirements of the ADG Code.

Spills and Disposals: Remove all sources of ignition. Avoid breathing vapours. Ventilate enclosed areas. Small spills can be wiped up with rags. Contaminated rags should be placed under water. Contain large spills with sand or earth. Prevent run off into drains or waterways. Collect absorbed material in labeled drums and seal. Dispose in accordance with local industrial waste disposal or environmental protection regulations.

Fire/Explosion Hazard: Wear self-contained breathing apparatus. Carbon dioxide and carbon monoxide, are combustion by-products. Extinguish using foam, carbon dioxide, dry chemicals

OTHER INFORMATION

Animal studies suggest that MEK may potentiate the health effects of some other compounds such as n-hexane or alcohol.

CONTACT POINT

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