

## MATERIAL SAFETY DATA SHEET

ISSUE NO. : 4

ISSUE DATE: 8<sup>th</sup> August 2002

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### IDENTIFICATION

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

**PRODUCT NAME: SOLVENT PRIMER**

Manufacturers Code: None established

U.N. Number:	1193
Dangerous Goods Class:	Flammable Liquid/3
Subsidiary Risk:	Nil
Hazchem Code:	2[Y]E
Poisons Schedule Number:	5
Dot Hazard Classification:	Flammable Liquid
Packaging Group:	II
EPG:	3A1

**USE:** SOLVENT PRIMER FOR PVC PIPES.

### **PHYSICAL DESCRIPTION/PROPERTIES**

Appearance:	Clear red solution with acetone-like odour
Specific Gravity:	0.81
Evap. Rate:	Not applicable
Boiling Point/Range (°C):	79.6°C
Percent Volatile:	<90
Flash Point (closed cup):	-6°C
Solubility In Water:	Appreciable ( 23 wt% )
pH @ 20°C:	Not applicable
Viscosity (cps @ 20°C):	Not available
Melting Point:	-85.9 °C
Vapor Pressure (kPa @ 38 °C):	25.8 kPa

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**INGREDIENTS**

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CHEMICAL ENTITY	CAS NO.	PROPORTION %w/w
Methyl Ethyl Ketone	79-93-3	< 100
Other ingredients which are classified as not hazardous		to 100%

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**HEALTH HAZARD INFORMATION**

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**HEALTH HAZARDS**

Inhaled: Irritation to the nose and throat, will cause nausea, vomiting, headache, dizziness. Inhalation LC50 : not available

Eye: Will burn eyes and may cause severe damage.

Skin: Irritation to skin. If allowed to remain, may cause smarting and reddening of the skin. Not readily absorbed.

Swallowed: Harmful if swallowed, may cause gastric irritation and narcosis. The hazard of solvent aspiration into the lungs may cause mild to severe pulmonary injury and possible death.

**FIRST AID**

Inhaled: Remove from exposure, if breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Eye: Immediately irrigate with copious quantities of water, for at least 20 minutes, holding the eyelids open. In all cases of eye contamination, it is advisable to seek medical advice.

Skin: Remove contaminated clothing. Wash affected areas with soap and water immediately.

Swallowed: If poisoning occurs contact a doctor or Poisons Information Center. If swallowed, do not induce vomiting. Wash out mouth thoroughly with water and give 1 - 3 cups of water or milk to drink. Seek medical attention.

Advice to Doctor: Vapors can cause moderate irritation of the eyes or respiratory system. Effect is temporary. Do not induce vomiting due to the risk of solvent aspiration into the lungs.

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**PRECAUTIONS FOR USE**

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**THERMAL DECOMPOSITION/HAZARDOUS DECOMPOSITION PRODUCTS**

This product is stable and hazardous polymerization will not occur.

**CONDITIONS TO AVOID INSTABILITY**

Not applicable

**CONDITIONS TO AVOID HAZARDOUS DECOMPOSITION**

Not applicable

**MATERIALS & CONDITIONS TO AVOID INCOMPATIBILITY**

Caustic, amines, alkanolamines, aldehydes, ammonia, strong oxidizing agents and chlorinated compounds.

**EXPOSURE LIMITS**

Threshold limit value: 200ppm.

**PERSONAL PROTECTION**

Avoid contact with eyes, skin and avoid breathing vapour or spray mist. Wear chemically resistant gloves, and chemical splash goggles. Use approved respiratory protection such as air supplied mask if used in enclosed area.

**VENTILATION**

Area must be well ventilated. Local exhaust (face velocity 20m/min). Mechanical General (explosion-proof ventilation equipment).

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**SAFE HANDLING**

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**STORAGE AND TRANSPORT**

Storage: Material is dangerous when exposed to heat or flame. Keep container closed when not in use. Do not handle or store near open flame, heat or strong oxidants. Adequate ventilation required.

**DOMESTIC DATA**

DOT SHIPPING NAME: Methyl Ethyl Ketone

DOT HAZARD CLASS: Flammable liquid/3

**SPILLS AND DISPOSAL**

Small Spills: Absorb in sand or other non-combustible material. Place in clean drum then flush area with water.

Large Spills: Keep public away, shut off all source of ignition. Warn occupants of down-wind areas of explosion hazard. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Ventilate area and wash spill site after material pickup is complete. Absorb on sand or vermiculite and place in

closed container for disposal. Prevent liquid from entering sewers, watercourses or low areas.

**WASTE DISPOSAL METHOD**

Contain spilled liquid with sand/earth or vermiculite. Dilute contained spill with water. Recover free liquid by pumping onto a suitable absorbent. Consult an expert on disposal of recovered material and ensure conformity to local regulations.

**FIRE/EXPLOSION HAZARD**

Flash point: -6°C  
Method: Abel close cup  
Flammable Limits: LEL: 1.8 UEL: 11.5  
Autoignition Temperature: 515°C

**GENERAL HAZARD**

Liquid and vapor are highly flammable. Fire may produce irritating or poisonous gases. Heat may cause violent rupture of containers.

**FIRE FIGHTING PROCEDURES**

Use water spray to cool fire exposed surfaces and to protect personnel. Respiratory protection required for the fire fighting personnel. Stay upwind if possible.

**HAZARDOUS DECOMPOSITION PRODUCT UNDER FIRE CONDITIONS**

None

**FIRE FIGHTING MEDIA**

Alcohol type foam, dry chemical. Water spray may be ineffective.

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**OTHER INFORMATION**

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**CONTACT POINTS**

**POISONS INFORMATION CENTRE:** 131126 (from anywhere in Australia)

**POLICE OR FIRE BRIGADE:** 000 **EXCHANGE:** 132203

Name: Lester Jones

Title: Operations Manager

Signature: 

Tel. No.: (02) 9681 3666

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