

Material Safety Data Sheet – PRIMING FLUID

Atherton Chemicals Pty Limited

SUPERSEDES: 19th December 2002

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IDENTIFICATION

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

PRODUCT NAME: PRIMING FLUID

Manufacturers Code: Not established

TSCA: This product is listed on the TSCA inventory

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

Specific Gravity: 0.81

Evap. Rate (n-Bu Acetate = 1): 6.0

Boiling Point/Range (°C): 79.6°C

Percent Volatile: >90%

Flash Point: -6°C

Solubility in Water: Appreciable (approx. 23 wt%)

pH @ 20°C: Not available

Vapour pressure (KPA @ 38°C): 25.8 kPa

INGREDIENTS

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

HEALTH HAZARD INFORMATION

HEALTH HAZARDS

Inhaled:	High vapour concentrations are irritate to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.
Eye:	May irritate or burn eyes.
Skin:	Prolonged or repeated contact with the skin may irritate and cause dermatitis.
Swallowed:	The hazard of solvent aspiration into the lungs may cause mild to severe pulmonary injury and possible death.

FIRST AID

Inhaled:	Remove victim to fresh air, lay down, rest. If not breathing apply resuscitation. Keep warm.
Eye:	Immediately hold eyes open and wash continuously with water for at least 15 minutes. Transport to a hospital or doctor.
Skin:	Remove contaminated clothing including footwear. 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. Give a glass of water.
Advice to Doctor:	Do not induce vomiting.

PRECAUTIONS FOR USE

This product is stable and hazardous polymerization will not occur.

THERMAL DECOMPOSITION/HAZARDOUS DECOMPOSITION PRODUCTS:

None.

CONDITIONS TO AVOID INSTABILITY:

Not applicable.

CONDITIONS TO AVOID HAZARDOUS DECOMPOSITION:

Not applicable.

MATERIALS & CONDITIONS TO AVOID INCOMPATIBILITY:

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

EXPOSURE LIMITS:

Threshold limit value: 200 ppm.

PERSONAL PROTECTION:

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

VENTILATION:

Local exhaust (face velocity 20 m/min). Mechanical General (explosion-proof ventilation equipment).

SAFE HANDLING

STORAGE AND TRANSPORT:

Storage: 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: Methylethylketone
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 source if possible to do so without hazard. Eliminate sources of ignition. Warn occupants of down-wind areas of explosion hazard. Prevent liquid from entering sewers, watercourse or low areas.

SAFE HANDLING (CONTINUED)

WASTE DISPOSAL METHOD:

Contain spilled liquid with sand or earth. 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: TAG Closed Cup
Flammable Limits: LEL: 1.8 UEL: 10.0
Auto ignition Temperature: 515°C

GENERAL HAZARD:

Liquid and vapour 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 fire fighting personnel. Stay upwind if possible.

HAZARDOUS DECOMPOSITION PRODUCT UNDER FIRE CONDITIONS:

None.

FIRE FIGHTING MEDIA:

Dry chemical or alcohol type foam. Water spray may be ineffective.

RISK PHRASES:

R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

SAFETY ADVICE:

S09 Keep container in a well ventilated place.
S16 Keep away from sources of ignition – No Smoking.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.
S29 Do not empty into drains.

OTHER INFORMATION

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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