



Kingston Paints Pty Ltd  
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MATERIAL SAFETY DATA SHEET  
Health, Safety & Environment Data

CURRENT AS AT: January 2014  
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**IDENTIFICATION**

Hazardous according to criteria of Worksafe Australia

PRODUCT NAME:	METHYL ETHYL KETONE	UN Number:	1193
		Hazchem Code:	2 (Y) E
		Dangerous Goods Class	3
		Subsidiary Risk Class	Not Listed
		Poisons Schedule:	5
		Packaging Group:	II
OTHER NAMES:	M.E.K. Butan – 2-one		
PRODUCT CODE:	500-0112		
USE:	Solvent and blending ingredients		

**PHYSICAL DESCRIPTION/PROPERTIES**

Appearance:	Colourless liquid with strong typical chemical odour
Specific Gravity:	0.81
Boiling Point/range (°C) :	79 - 81
Vapour pressure:	10 kPa @ 20°C
Flash Point (°C):	-7Abel
Flammability Limits (%):	LEL 1.8 UEL 11.5
Solubility in Water:	260gm/L @ 20°C

**HAZARDOUS INGREDIENTS:**                      **CAS NO:**                      **PERCENT BY WEIGHT:**

Pigments:

Resin:

Solvents:	Methyl Ethyl Ketone	78-93-3	98 min
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## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

#### ACUTE:

Swallowed: May cause irritation to mouth, throat and digestive tract. May cause nausea and vomiting. Large dose may cause unconsciousness.

Eye: Irritant.

Skin: Irritant. Avoid prolonged or repeated contact as may cause dermatitis

Inhaled: Vapour is irritant to mucous membranes and respiratory tract. Vapours can affect the central nervous system and result in headaches and dizziness. High concentrations of vapours, if exposure is prolonged, may cause unconsciousness. aspiration of liquid into the lungs can cause serious (even fatal) pneumonitis.

#### FIRST AID:

Swallowed: If poisoning occurs, contact a Doctor or Poisons Information Centre. If swallowed, do not induce vomiting. Give a glass of water. If any suspicion of aspiration into the lungs (e.g. during vomiting) obtain medical advice immediately. Wash mouth out with water.

Eye: Irrigate with copious quantities of water. If soreness or redness persists, seek medical attention immediately.

Skin: Wash off with soap and water. Remove and launder contaminated clothing before re-use.

Inhalation: Move to fresh air. Keep warm and at rest. Seek medical attention.

Advice to Doctor: Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

## PRECAUTIONS FOR USE

EXPOSURE LIMITS: 445mg / m<sup>3</sup>, 155 ppm – 8 HR TWA

ENGINEERING CONTROLS: Avoid breathing vapour and use in a well-ventilated area. Ensure ventilation is adequate to maintain air concentrations below exposure limit.

PERSONAL PROTECTION: Avoid eye and skin contact. Wear chemical goggles and chemical resistant gloves. Wear protective clothing as necessary to avoid skin contact. Avoid prolonged or repeated skin contact. Wash thoroughly after handling.

FLAMMABILITY: Highly flammable liquid. Avoid heat and sources of ignition. Prevent build-up of flammable vapour. Hoses should be electrically continuous and containers bonded to avoid static charge build-up.

### SAFE HANDLING INFORMATION

- STORAGE & TRANSPORT:** Store in a cool and well-ventilated area away from all sources of heat and ignition. Avoid contact with strong oxidising agents and mineral acids. Store only in original or approved containers. Containers should always be kept closed in storage and properly labelled. This material is classified as Dangerous Goods Class 3 and must be stored and transported in accordance with State and Territory dangerous goods regulations.
- SPILLS & DISPOSAL:** For major spills, dam and recover. Prevent entry into drainage systems, rivers, etc. Collect with absorbent material such as sand, earth or sawdust. Extinguish all sources of ignition and ventilate area thoroughly. After recovery and evaporation remaining soil may be disposed of to approved landfill, or if approved, allowed to degrade insitu. Ensure waste disposal conforms to local waste disposal regulations.
- FIRE/EXPLOSION HAZARD:** Highly flammable liquid. Combustion products include oxides of carbon. Vapour/air mixture may ignite explosively. Use alcohol foam, extinguishing powder or carbon dioxide.

### OTHER INFORMATION

- TOXICOLOGY:** Methyl Ethyl Ketone Oral LD50 (RAT): 2737mg/kg
- CONTACT POINT:** KINGSTON PAINTS PTY LTD  
33 – 35 ADRIAN ROAD  
CAMPBELLFIELD VIC 3061  
  
(03) 9357 9396  
Emergency Telephone Number Not Available.

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