



MATERIAL SAFETY DATA SHEET
Health, Safety & Environment Data

DATE OF ISSUE: May 2010
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IDENTIFICATION

PRODUCT NAME:	Equipment Enamel	UN Number:	1263
		Hazchem Code:	3 (Y) E
		Dangerous Goods Class:	3
		Subsidiary Risk Class:	N/A
		Poisons Schedule:	5 & 6
OTHER NAMES:	Paint	Packaging Group:	II
PRODUCT CODE:	634 (prefix)		
USE:	Spraying enamel for Industrial painting.		

PHYSICAL DESCRIPTION/PROPERTIES

Appearance:	Viscous liquid of any colour with a strong solvent odour.
Density:	0.90 – 1.06 (depending on colour)
Boiling Point/Range (oC):	Approx. 90 – 200
Vapour Pressure:	Approx. 4 kPa
Flash Point (oC):	Approx. 1
Flammability Limits (%):	LEL 0.9 UEL 7.5
Solubility in water:	Negligible

<u>HAZARDOUS INGREDIENTS:</u>	<u>CAS NO:</u>	<u>PERCENT BY WEIGHT:</u>
Pigments: Lead Chromate (if applicable)	7758-97-6	10 – 30
Resin:		
Solvents: Liquid Hydrocarbons	64742-88-7	30 – 60
Others: Other ingredients not considered hazardous to 100%		

*** (Some colours may contain lead – refer to Label information) ***

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

ACUTE

- Swallowed: May cause irritation to mouth, throat and digestive tract. May cause nausea and vomiting. Large amount may cause unconsciousness. Some colours may contain lead (refer to label information) and possibility of lead poisoning exists.
- Eye: Irritant, May cause corneal damage.
- Skin: Irritant, Avoid prolonged or repeated contact as this may cause dermatitis.
- Inhaled: Vapour is irritant to mucous membranes and respiratory tract. Vapour 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 swallowed, contact a Doctor or Poisons Information Centre without delay. Do not induce vomiting due to risk of aspiration. Give a glass of water and seek medical attention. If any suspicion of aspiration into the lungs, (eg. during vomiting) obtain medical advice immediately.
- Eye: Wash with water for at least 15 minutes and seek medical attention.
- Skin: Wash off with soap and water. Remove contaminated clothing and launder 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 be undertaken after endotracheal intubation.

PRECAUTIONS FOR USE

- EXPOSURE LIMITS: Not established. Recommend that 80 ppm 8 hour TWA be not exceeded.
- ENGINEERING CONTROLS: Avoid breathing vapour. Use in a well-ventilated area. Local exhaust ventilation required. For spray application use a spray booth fitted with an effective filtered exhaust system complying with local regulations.
- PERSONAL PROTECTION: Avoid skin and eye contact. Wear chemical goggles and chemical resistant gloves. Wear supplied air breathing apparatus in confined areas and when spraying.
- FLAMMABILITY: This material contains highly flammable solvents and must be kept away from All sources of ignition (open flames, sparks, switches, etc). Use only in well ventilated area and prevent build up of flammable vapours. Do NOT smoke. Keep containers closed when not in use.

APPLICATION: This product is designed for spray application. Comply with local regulations when applying coating applicable to spray painting. Wear an appropriate mask when spraying and until spray mist has effectively dispersed (see personal protection).

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT: Store in a cool and well-ventilated area away from heat and ignition sources. Avoid contact with strong oxidizing agents. 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: Extinguish all ignition sources and ventilate area. For major spills, dam and recover. Prevent entry into drainage systems, rivers, etc. Collect with absorbent materials such as sand, earth or sawdust. Ensure waste disposal conforms with local waste disposal regulations. After recovery and evaporation remaining soil may be disposed of to approved landfill, or if approved, allowed to degrade insitu.

FIRE/EXPLOSION HAZARD: Highly flammable liquid. Use foam, carbon dioxide, powder or BCF fire extinguishers. Combustion products include oxides of carbon. Remove source of re-ignition. Vapour/air mixture may ignite explosively. Flashback along vapour trail may occur.

OTHER INFORMATION

TOXICOLOGY: ACGIH currently lists "chromates of lead" as "substances suspect of Carcinogenic potential for man" – see appendix A2 of ACGIH TLV booklet.
Lead Chromate (pigment): LD50 oral, (rat): > 2000 mg/kg
Xylene: LD50 oral (rat): 4300 mg/kg
Toluene LD50 oral, (rat): 636 mg/kg
Naptha (petroleum): No available data.

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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