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MATERIAL SAFETY DATA SHEET
Health, Safety & Environment Data

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IDENTIFICATION

Hazardous according to criteria of Worksafe Australia

PRODUCT NAME:	VINYL ETCH REDUCER	UN Number	1263
		Hazchem Code:	3 (Y) E
OTHER NAMES:	Thinner or Reducer	Dangerous Goods Code:	3
		Subsidiary Risk Class:	Not listed
		Poisons Schedule:	5
		Packaging Group:	II

PRODUCT CODE: 500-0118

USE: Thinner/reducer for Kingston 615 Vinyl Etch Primer

PHYSICAL DESCRIPTION/PROPERTIES

Appearance:	Colourless mobile liquid with strong chemical odour.
Specific Gravity:	0.81
Boiling Point/Range (oC):	80 – 120
Vapour Pressure:	Approx. 8 kPa
Flash Point (oC):	Approx. 8 Abel
Flammability Limits (%):	LEL 1.3 UEL 11.5
Solubility in water:	100gm/L

HAZARDOUS INGREDIENTS

CAS NO:

PERCENT BY WEIGHT

Pigments:

Resin:

Solvents:	Toluene	108-88-3	10 – 30
	N-Butanol	71-36-3	10 – 30
	Methyl Ethyl Ketone	78-93-3	10 – 30

Others: Other ingredients not classified as hazardous to 100%.

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

ACUTE:

- Swallowed: May cause irritation to mouth, throat and digestive tract. Large dose may cause drowsiness and lead to loss of consciousness.
- Eyes: Irritant. May injure eye tissue.
- 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: Do not induce vomiting. Give a glass of water and contact a Doctor or Poisons Information Centre. If any suspicion of aspiration into the lungs (e.g. during vomiting) obtain medical advice immediately.
- Eyes: Irrigate with copious quantities of water. 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: Not established for mixture. Limits for hazardous ingredients NButanol 152 mg/m³, 50ppm. Methyl Ethyl Ketone 445 mg/m³, 155ppm. Toluene 377 mg/m³, 100 ppm.
- ENGINEERING CONTROLS: Avoid breathing vapour. Use only in a well ventilated area. Local exhaust Ventilation required. Ensure above exposure limit is not exceeded.
- PERSONAL PROTECTION: Avoid skin and eye contact. Wear chemical resistant goggles and chemical resistant gloves. Wear protective clothing as necessary to avoid skin contact. Wear supplied air breathing apparatus in confined areas.
- FLAMMABILITY: Avoid all sources of heat and ignition. Prevent build-up of flammable vapours. 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 heat and ignition sources. Avoid contact with strong oxidising 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. SHIPPING NAME – THINNER UN 1263 PG II.
- 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 material 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 CO2, powder or BCF fire extinguishers. Combustion products include oxides of carbon. Remove sources of re-ignition. Vapour/air mixture may ignite explosively. Flashback along vapour trail may occur.

OTHER INFORMATION

- TOXICOLOGY:** Toxic exposure limits not available for mixture. Exposure limits for Hazardous constituents:
N-Butanol Oral LD 50 (rat): 800 – 4400 mg/kg
Methyl Ethyl Ketone Oral LD50 (rabbit): 2737mg/kg
Toluene Oral LD50 (rat): 636 mg/kg

- CONTACT POINT:** KINGSTON PAINTS PTY LTD
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EMERGENCY TELEPHONE NUMBER NOT AVAILABLE

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