



KINGSTON PAINTS PTY LTD

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MATERIAL SAFETY DATA SHEET
Health, Safety and Environment Data.

CURRENT AS AT: January 2014
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IDENTIFICATION

Hazardous according to criteria of Worksafe Australia.

Product Name: ACRYLIC LACQUER THINNER	UN Number:	1263
	Hazchem Code:	3(Y)E
	Dangerous Goods Class:	3
Other Names: THINNER	Subsidiary Risk Class:	None
	Poisons Schedule:	5
	Packaging Group	II

Product Code: 500-0103

Use: Thinner for Acrylic, nitrocellulose lacquer. Some enamels.

Physical Description/Properties

Appearance:		Mobile water white liquid, chemical solvent odour.
Specific Gravity:	0.85	
Boiling Point/Range (°C):		Approx. 56 - 170
Vapour Pressure:		10 kPa
Flash Point (°C):		Approx. 2 Abel
Flammability Limits (%):		LEL 1.0 UEL 19.0
Solubility in water:		Approx. 115 gm/L
Percent Volatiles:		100

<u>Hazardous Ingredients:</u>	<u>CAS NO.</u>	<u>Percent by weight</u>
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Pigments:

Resin:

Solvents:	Toluene	108 - 88 - 3	30 - 60
	Methyl Ethyl Ketone	78 -93 - 3	10 -30
	Xylene	1330 - 20 - 7	< 10

Others: Other ingredients not considered hazardous to 100%.

HEALTH HAZARD INFORMATION

HEALTH EFFECTS**ACUTE**

<u>Swallowed</u>	May cause irritation to mouth, throat and digestive tract. Large dose may cause drowsiness and may cause unconsciousness.
<u>Eye</u>	Irritant. May injure eye tissue.
<u>Skin</u>	Irritant. Avoid prolonged or repeated contact as may cause dermatitis.
<u>Inhaled</u>	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 the liquid into the lungs can cause serious (even fatal) pneumonitis.

FIRST AID

<u>Swallowed</u>	Do not induce vomiting. Give a glass of water to drink. Contact a Doctor or Poisons Information Centre. If any suspicion of aspiration into the lungs (e.g. during vomiting) obtain medical advice immediately.
<u>Eye</u>	Irrigate with copious amounts of water . Seek medical attention immediately.
<u>Skin</u>	Wash off with soap and water. Remove and launder contaminated clothing before re-use.
<u>Inhalation</u>	Move to fresh air, keep warm and at rest. Seek medical attention.
<u>Advice to Doctor</u>	Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

PRECAUTIONS FOR USE

<u>Exposure Limits</u>	Not established for mixture. Hazardous ingredients (TWA - 8 hour): Toluene 377 mg/m ³ , 100 ppm, Xylene 350 mg/m ³ , 80 ppm, Methyl Ethyl Ketone 445 mg/m ³ , 155 ppm
<u>Engineering Controls</u>	Avoid breathing vapour. Use in a well ventilated area. Local exhaust ventilation required. Ensure above exposure limit is not exceeded.
<u>Personal Protection</u>	Avoid eye and skin contact. Wear chemical goggles or face shield. Wear chemical resistant gloves, and protective clothing to avoid skin contact. Wear supplied air breathing apparatus in confined areas or areas with poor ventilation.
<u>Flammability</u>	Avoid heat and sources of 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 and Transport

Store in a cool and well ventilated area away from heat and all ignition sources. Avoid strong oxidising agents. Keep containers closed when not in use and ensure that they are properly labelled. Store only in original or approved containers. This material is classified as Dangerous Goods Class 3 and must be stored and transported in accordance with State and Territory dangerous goods legislation.

SHIPPING NAME UN 1273 THINNER PG II

Spills and 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 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 mixtures may ignite explosively. Flashback along vapour trail may occur.

OTHER INFORMATION

Toxicology

Not established for mixture. Constituents:
Toluene Oral LD50 (rat): 636 mg/kg
Xylene Oral LD50 (rat): 4300 mg/kg
Methyl Ethyl Ketone Oral LD50 (rat): 2737 mg/kg

CONTACT POINT

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