

LACQUER THINNER

Classified as Hazardous in accordance to criteria of Worksafe Australia

COMPANY DETAILS**KINGSTON PAINTS PTY.LTD.****A.B.N. 94 067 493 065****{P.O. Box 327, Somerton, Victoria. 3062}****33 - 35 Adrian Road,****CAMPBELLFIELD, VICTORIA, 3061.****Telephone : {03} 9357 9396****Facsimile : {03} 9357 9398****Email : kingstonpaints@yahoo.com.au****IDENTIFICATION**

Product Name	LACQUER THINNER
Proper Shipping Name	PAINT RELATED MATERIAL - THINNERS
U.N. Number	1263
Dangerous Goods Class	3
HAZCHEM Code	3[Y]E
Initial Emergency Response Guide	14
Packing Group	II
Poison Schedule Number	S 5
Product Use	Lacquer Thinner. Is a blend of organic solvents is used for thinning recommended Kingston Lacquers prior to application.

PHYSICAL DESCRIPTION AND OTHER PROPERTIES

Appearance	Colourless liquid
Initial Boiling Point	78° Celsius {literature value}
Vapour Pressure	Greater than 1
{Butyl Acetate = 1}	
Specific Gravity	0.80
Flash Point	-1 ° Celsius {closed cup - literature value}
Flammability Limits	Lel = 1.0 % Uel = 19.0 %
Solubility in Water	Immiscible
Auto Ignition Temperature	370° Celsius {literature value}

INGREDIENTS

Chemical/Substance Name	CAS Number	Proportion % w/w
Methyl Ethyl Ketone	78-93-3	30 - 60 %
Toluene	108-88-3	10 - 30 %
Ethyl Alcohol	64-17-5	10 - 30 %
Liquid Aliphatic Hydrocarbon {Low Flash Point}	Not Known	10 - 30 %

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HEALTH HAZARD INFORMATION**HEALTH EFFECTS - ACUTE**

Swallowed	Can cause irritation to the mouth, throat and stomach. Harmful if swallowed.
Eyes	Can cause irritation to the eyes.
Skin	Can cause irritation to the skin. Harmful in contact with the skin.
Inhalation	Can cause irritation to nose, throat and respiratory tract. Harmful by inhalation.

HEALTH EFFECTS - CHRONIC

Inhalation and Skin	Repeated or prolonged inhalation may lead to headaches, muscular weakness, drowsiness, vomiting, nausea and dizziness. Repeated or prolonged exposure may cause defatting of the skin and can result in dermatitis.
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FIRST AID

Swallowed	If swallowed, and only if the person is conscious, give water to drink. DO NOT induce vomiting. Seek URGENT medical attention if frothing the mouth occurs.
Eyes	If splashed into eyes, irrigate copiously with water for at least 15 minutes. Seek immediate medical attention if irritation persists.
Skin	If skin contact occurs, remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if any irritation occurs.
Inhalation	If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.
First Aid Facilities	Clean water supply, barrier cream, soap and eye wash stations.
Advice to Doctor	If poisoning occurs, consult the Poisons Information Centre {Australia 13 11 26 } and have a copy of this Material Safety Data Sheet or label available. Treat the patient symptomatically.
Other Information	Immerse all contaminated clothing in water for 24 hours and do not <u>re-use</u> until it has been laundered.

PRECAUTIONS FOR USE**ENGINEERING REQUIREMENTS**

Exposure Standards	Ethyl Alcohol = 1880 mg/m ³	Methyl Ethyl Ketone = 445 mg/m ³ .
	Liquid Aliphatic Hydrocarbon = Not Known	Toluene = 350 mg/m ³ .
Engineering Controls	When using KINGSTON LACQUER THINNER, ensure there is adequate ventilation during the application period.	

PERSONAL PROTECTION

Clothing {AS 2919}	The wearing of antistatic clothing made on natural or high temperature synthetic fibre is recommended during the application period.
Gloves {AS 2161}	The wearing of Viton, PVC or Neoprene gloves is recommended during the application period.
Eyes {AS - NZS 1337}	The wearing of safety glasses fitted with side shields or chemical splash goggles is recommended during the application period. Do not wear contact lenses.
Respiratory Equipment {AS - NZS 1715/1716}	The wearing of of an Organic Vapour Respirator {Type A Class 2} is recommended during the application period.
Footwear {AS - NZS 2210}	The wearing of enclosed safety boots or safety shoes is recommended during the application period.
Hearing {AS - NZS 1270}	Not required.

PROTECTIVE EQUIPMENT

Avoid breathing vapours. Avoid contact with eyes and skin. It is advisable to wear the recommended personal protective clothing as described in this Material Safety Data Sheet.

FLAMMABILITY

Highly Flammable liquid. Avoid heat, sparks, ignition sources and naked flames. **NO SMOKING** during the application period.

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SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT**

Storage Requirements	Containers should be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area away from all heat, ignition sources and direct sunlight. e.g. Flammable Goods Store or Cabinet.
Storage Regulations	Store in accordance with the Australian Standard {AS 1940} - The Storage and Handling of Flammable and Combustible Liquids.
Transport Requirements	Classified by the current edition " Australian Code for the Transport of Dangerous Goods by Road and Rail " {ADG} – PAINT RELATED MATERIAL - THINNERS, UN1263, Class 3, HAZCHEM 3[Y]E, Packing Group II, Initial Emergency Response Guide 14. Dangerous goods of Class 3 {Flammable Liquid} are incompatible in a placard load with any of the following- Class 1 Class 2.1, if both Class 3 and Class 2.1, dangerous goods in bulk Class 2.3 Class 4.2 Class 5.1 and Class 5.2 Class 6, if the Class 3, dangerous goods is nitromethane Class 7

SPILLS AND DISPOSAL

Spills	Contain all spills. Prevent contamination of waterways and sewage. Remove all sources of heat and ignition. DO NOT smoke during the clean-up procedure. Use sand, earth or earth non-reactive absorbent material {not sawdust} to absorb all spillages. Wash remaining residues with detergent and excess water.
Disposal	Collect all unwanted paint and residues in labelled and sealed containers to solvent recovery unit.

FIRE/EXPLOSION HAZARD**List of Dangerous Decomposition or Combustion Products**

Fire Fighting Procedures	May produce toxic gases including carbon monoxide if burning occurs in a confined space. On heating, containers can rupture and explode. Evacuate all non fire-fighter personnel. Turn of all electricity and power supplies. Keep containers cool water spray or water fog to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so.
Extinguishing Media	Carbon Dioxide {CO ₂ }, alcohol resistant foam, dry chemical, water spray and water fog. It is essential that fire-fighters should wear contain self-contained breathing apparatus when fighting the fire.
Reactivity	No known hazardous reactions or polymerization will occur.
HAZCHEM CODE	3[Y]E.
Other Precautions	Immerse all unwanted rags and cloths in water prior to disposal. Do not incinerate empty containers.

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OTHER INFORMATION**WORKSAFE CLASSIFICATION**

Hazard Category	The hazardous rating of KINGSTON LACQUER THINNER is harmful and irritating substance as defined by the current WORKSAFE-NOHSC documents.
Risk Phrases	Highly Flammable {R11}. Harmful by inhalation, in contact with the skin and if swallowed {R20/21/22}. Irritating to eyes, respiratory system and respiratory system {R36/37/38}. Harmful. May cause lung damage if swallowed {R65}.
Safety Phrases	Keep away from heat and sources of ignition - NO SMOKING {S15/16}. Do not breathe the vapour {S23}. Avoid contact with skin and eyes {S24/25}. Wear recommended respiratory apparatus, protective clothing, gloves and eye/face protection {S36/37/39}.

ENVIRONMENT

May be hazardous to the environment. Avoid contaminating waterways and sewage.
Do not empty into drains {S29}.

TOXICITY - Acute Lethal Effects

Substance	Ethyl Alcohol, Liquid Aliphatic Hydrocarbon, Methyl Ethyl Ketone and Toluene.
Oral LD₅₀ {rat}	≥ 2000 milligrams/kilogram of body weight
Dermal LD₅₀ {rabbit}	≥ 2000 milligrams/kilogram of body weight
Inhalation LC₅₀ {rat}	≥ 5 milligrams/Litre/4 hours of body weight

CONTACT

For further information, please contact POISONS INFORMATION CENTRE
Telephone : {Australia} 13 11 26

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