



THINNERS - MSDS

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: THINNERS
Recommended Use: Industrial Solvent
Company: Omega International Coatings Pty Ltd
Address: 111, Kurrajong Av., Mt Druitt NSW 2770
Telephone Number: (02) 98320000
Emergency Telephone: (02) 96770566

2. HAZARDOUS IDENTIFICATION

Hazardous Classification: Hazardous substance according to the criteria of NOHSC.
Dangerous goods classification according to the Australian

Dangerous Goods Code.

Risk Phrase(s): R11 – Highly flammable
R20 – Harmful by inhalation
R36/37 – Irritating to eyes and respiratory

system

Safety Phrase(s): S2 – Keep out of reach of children
S9 – Keep container in a well-

ventilated place

S16 – Keep away from sources of ignition
S25 – Avoid contact with eyes
S29 – Do not empty into drains
S33 – Take precautionary measures against

static discharges

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients: (w/w):	Name:	CAS No:	Proportion
	X3B	108-88-3	95%
	Methyl Ethyl Ketone	78-93-3	5 %

4. FIRST AID MEASURES

Inhalation:

Remove from contaminated area. Apply artificial respiration if not breathing. Seek medical assistance.

Ingestion:

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 131126 in Australia. If swallowed, do not induce vomiting. Give a glass of water.

Skin:

If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Remove contaminated clothing. Wash clothing before reuse.

Eye:

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities:

Provide eye baths and safety showers close to areas where splashing may occur.

Advice to Doctor:

Due to the risks of lung damage by aspiration of this product, gastric lavage should only be undertaken after endotracheal intubation.

5. FIRE FIGHTING MEASURES

Substantial Extinguishing Media:

Use foam or dry agent extinguisher.

Special Protective Equipment for Fire Fighters:

Wear chemical goggles or face shield. Wear protective clothing as necessary to avoid skin contact. Wear chemical resistant gloves. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations.

Specific Hazards:

This product is extremely flammable. Vapours are heavier than air and will "travel" to low-level areas eg. Sumps, drains, etc. and flashback. Precautions should be taken to eliminate the build up of explosive mixtures.

Hazchem Code:

3[Y]E

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

All Purpose Thinners is a flammable liquid. Vapour may form explosive mixtures with air. Avoid heat and all ignition sources. Use only in well-

ventilated areas. Flameproof equipment is necessary in any area where product is being used. Product transfer and storage equipment must be earthed. Prevent build-up of flammable vapours. Consult AS1940 for further information on safe storage and handling of flammable liquids. Handle in accordance with state or territory regulations for flammable liquids.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Wear chemical goggles or face shield. Wear protective clothing as necessary to avoid skin contact. Wear chemical resistant gloves. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. This product is harmful if it is inhaled. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Conditions for Safe Storage:

Store in a cool well-ventilated area away from heat and ignition sources. Containers should always be kept closed in storage and properly labeled. Many plastics may be unsuitable as storage and handling materials. Store only in original or approved containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:

Substance	STEL mg/m ³	STEL ppm	TWA mg/m ³	TWA ppm
Lacquer Thinners	-	150	-	50

Engineering Controls:

Keep away from sources of ignition. Take precautionary measures against static discharges. Provide sufficient ventilation to control exposure levels below the exposure standards. Use local exhaust ventilation at sources of air contamination such as open process equipment. Dangerous concentrations may exist in areas with poor ventilation such as confined spaces.

Respiratory Protection:

Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. This product is harmful if it is inhaled. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Eye Protection:

Wear chemical goggles or face shield.

Hand Protection:

Wear chemical resistant gloves.

Body Protection:

Wear protective clothing as necessary to avoid skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colourless, mobile liquid with hydrocarbon odour
Boiling Point:	80-110°C
Solubility in Water:	Miscible with water
Specific Gravity:	0.84g/mL
Vapour Pressure:	50mm Hg @ 20°C
Vapour Density (Air = 1):	2.0
Volatile Component:	100%
Flash Point:	1
Flammability:	HIGHLY FLAMMABLE. This product should be stored and used in a well-ventilated area away from naked flames, sparks and other sources of ignition. Electrically link and ground metal containers for transfers of the product to prevent accumulation of static electricity. Keep the container tightly closed.

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal use conditions.

Conditions to Avoid:

Heat, direct sunlight, open flames or other sources of ignition and incompatibles.

11. TOXICOLOGICAL INFORMATION

Inhalation:

Avoid breathing vapour or spray mist. Vapour concentrations are irritating to nose and throat resulting in possible headaches, dizziness, and lack of coordination, nausea and possible loss of consciousness.

Ingestion:

All Purpose Thinners is classified as flammable and harmful if ingested. Exposure to this product may result in nausea, dizziness and lack of consciousness. Vomiting may cause the product to be aspirated in the lungs possibly resulting in chemical pneumonitis.

Skin:

Avoid contact with skin. Exposure may cause the product to be absorbed into the skin promoting the potential for over-exposure.

Eye:

Avoid contact with eyes. Product may cause moderate to severe eye irritation and pronounced inflammation.

Chronic Effects:

Repeated or prolonged contact may cause irritant contact dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

A low potential to affect aquatic organisms.

A low potential to affect secondary waste treatment microbial metabolism.

A low potential to affect the growth of some plant seedlings.

Environment Protection:

Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

Prevent entry into drainage systems, sewers and waterways.

14. TRANSPORT INFORMATION

Transport Information:

All Purpose Thinners is classified as flammable under the Australian Code for the Transportation of Dangerous Goods by Road and Rail.

U.N Number:	1993
Proper Shipping Name:	All Purpose Thinners
DG Class:	3
Hazchem Code:	3[Y]E
Packing Group:	II

15. REGULATORY INFORMATION

Poisons Schedule:	S6
National and or International Regulatory Information:	Classified as hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC).
Packaging & Labeling:	As required by the ADG Code. As required by the National Code of Practice for the Labeling of Workplace substances. As required by the Standard for the Uniform Scheduling of Drug and Poisons.

16. OTHER INFORMATION

References: (1) National Code of Practice for the preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)],

Contact Point: Director

Telephone: (02) 98320000

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