

Enamel Thinner

SECTION 1- IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Enamel Thinner
Manufacturing Product Code:
Recommended Uses: Industrial Solvent
Supplier: Omega International Coatings P/L
Street Address: 111, Kurrajong Ave, Mount Druitt, NSW, 2770
Telephone Number: (02) 9832 0000
Fax: (02) 9677 0566
Emergency phone: **Poison Information Center: 13 11 26**

SECTION 2- HAZARDS IDENTIFICATION

Health Hazard Classification

This product is classified as hazardous under SafeWork Australia criteria.

Hazard Category

F: Flammable, Xn: Harmful

Risk Phrases

R11: Highly flammable
R20: Harmful by inhalation
R36/37: Irritating to eyes and respiratory system

Safety Phrases

S2: Keep out of reach of children
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

SECTION 3- COMPOSITION/ INFORMATION ON INGREDIENTS

| Chemical Entity | CAS No. | Proportion (%w/w) |
|--|----------|-------------------|
| X3B | 108-88-3 | >90% |
| Ingredients determined to be non-hazardous or below the hazardous threshold | | TO 100% |

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.

Eye contact

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

Skin contact

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

Inhalation

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

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.

Medical attention

Treat symptomatically.

SECTION 5- FIRE FIGHTING MEASURES**Suitable extinguishing equipment**

Use foam or dry agent extinguisher.

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.

Special protective equipment and precautions 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.

Hazchem Code: 3[Y]E**SECTION 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.

SECTION 7- HANDLING AND STORAGE

Precaution 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.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

| Chemical Entity | Cas No | Weight% | TWA ¹ (ppm) | STEL ² (ppm) |
|-----------------|----------|---------|------------------------|-------------------------|
| X3B | 108-88-3 | >90% | 50 | 150 |

¹ Time weighted average concentration

² Short-term exposure limit

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.

Personal protective equipment

Wear protective clothing as necessary to avoid skin contact.

SECTION9- PHYSICAL AND CHEMICAL PROPERTIES

| Property | Unit of measurement | Typical value |
|---------------------|---------------------|----------------------------------|
| Appearance | - | Clear, colourless, mobile liquid |
| Odour | - | Solvent Odour |
| Boiling Point | °C | 80-110 |
| Vapour Pressure | kPa | 0.066 |
| Flash Point | °C | 1 |
| Density @ 25°C | g/ml | 0.84 |
| Flammability Limits | %(v/v) | N/A |
| Volatile content | %(w/w) | >95 |
| Solubility in water | - | Miscible with water |

SECTION 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.

SECTION 11- TOXICOLOGICAL INFORMATION**Acute effects*****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.

Eye Contact

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

Skin Contact

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

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.

Chronic effects

Repeated or prolonged contact will cause irritant contact dermatitis.

SECTION 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.

Environmental Protection

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

SECTION 13- DISPOSAL CONSIDERATIONS

Dispose of paint residues according to local statutory regulations. Prevent entry into drainage systems, sewers and waterways.

SECTION 14- TRANSPORT INFORMATION

For local transportation within New Zealand refer NZS 5433:1999: For Australia refers ADG code.

| | |
|-----------------------------|----------------------|
| UN No. | 1993 |
| Proper Shipping Name | All Purpose Thinners |
| DG Class | 3 |
| Subsidiary Risk | |
| Packing Group | II |
| Hazchem Code | 3[Y]E |

SECTION 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.

SECTION 16- OTHER INFORMATION

Contact Apco Coatings
Person/Point Technical Manager
Ph 02 98 32 0000 Mob 0422237710

Other Information Principal toxic properties of this product are due to the solvent composition and vapour inhalation hazards.
Abbreviations: N/A - Not Applicable N/AV - Not Available

Abbreviations:

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail

CAS Number: Chemical Abstracts Number