

Tradepaints
SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY/ UNDERTAKING

Product Name: Enamel Thinner
Recommended Use: Solvent for thinning industrial and fast drying enamel paints.

Supplier: Tradepaints
ABN: 52 106 069 655
Street Address: 142 Fitzgerald Rd, Laverton North, VIC, 3026
Telephone: (03) 9369 3455
Faximile: (03) 9360 0876
Emergency Phone: (03) 9369 3455
Hour of Operation: 8:00am -4:00pm Mon-Fri

2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work Australia



Signal Word: Danger

| | | |
|-------------------------|---|------------|
| Hazard Classifications: | Flammable Liquids | Category 2 |
| | Aspiration Hazard | Category 1 |
| | Skin Corrosion/Irritation | Category 2 |
| | Specific Target Organ Toxicity (single exposure) | Category 3 |

Hazard Statements:

| | |
|------|---|
| H225 | Highly flammable liquid and vapour |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation |
| H336 | May cause drowsiness or dizziness |
| H361 | Suspected of damaging fertility or the unborn child |
| H373 | May cause damage to organs through prolonged or repeated exposure |

Prevention/Precautionary Statements:

| | |
|------|--|
| P102 | Keep out of reach of children |
| P103 | Read label before use |
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat/sparks/open flames |
| P233 | Keep container tightly closed |
| P240 | Ground/bond container and receiving equipment |
| P241 | Use Explosionproof electrical, ventilating, lighting and all other equipment |
| P242 | Use only non-sparking tools |

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| | |
|------|---|
| P243 | Take precautionary measures against static discharge. |
| P260 | Do not breathe dust, fume, gas, mist, vapours or spray. |
| P264 | Wash hands, face and exposed skin thoroughly after handling |
| P271 | use only outdoors or in a well ventilated area |
| P281 | Use personal protective equipment as required. |

Response Precautionary Statements:

| | |
|--------------|--|
| P101 | If medical advice is needed, have product container or label at hand |
| P301+310 | IF SWALLOWED: immediately call a POISEN CENTRE or doctor/physician |
| P302+352 | IF ON SKIN, wash with plenty of soap and water. |
| P303+361+353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing |
| P308+313 | IF exposed or concerned: Get medical advice/attention. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P331 | Do NOT induce vomiting |
| P332+313 | If skin irritation occurs: Get medical advice/attention. |

Storage Precautionary Statements:

| | |
|-----------|--|
| P403+P234 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |

Disposal Precautionary Statements:

| | |
|------|---|
| P501 | Dispose of contents/container in accordance with local, regional, national and international regulations. |
|------|---|

Poison Schedule: S5 Poison

DANGEROUS GOOD CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Dangerous Goods Class: 3

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3. COMPOSITION INFORMATION

| | | PROPORTION |
|--|----------------|------------|
| CHEMICAL ENTITY | CAS NO | |
| Solvent naphtha (petroleum), light aliphatic. | 64742-89-8 | 30-60% w/w |
| Toluene | 108-88-3 | 30-60% w/w |
| Other ingredients determined not to be hazardous | not applicable | balance |
| | | <hr/> 100% |

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with clean, dry dressing until medical help is available. If blisters occur, do NOT break blisters. If swelling, redness, blistering, or skin irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious patient. If vomiting occurs give further water. Immediately call Poisons Centre or Doctor

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: 3Y E

Suitable extinguishing media: Alcohol resistant foam is the preferred fire-fighting medium. If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Flammable liquid. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Fire fighting further advice: If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

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6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods Initial Emergency Response Guide No: 14

7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Class 3 Flammable Liquid as per the criteria of the "Australian Code for the Transport of Dangerous Good by Road and Rail" and/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| CHEMICAL ENTITY | TWA | | STEL | | NOTICES |
|-----------------|-----|-------|------|-------|---------|
| | ppm | mg/m3 | ppm | mg/m3 | |
| Toluene | 50 | 191 | 150 | 574 | Sk |

As published by Safe Work Australia.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

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Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in the material do not have a Biological Limit Allocated.

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. Vapour heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected. Keep Containers closed when not in use.

Personal Protection Equipment:

SAFETY SHOES
OVERALLS
GLOVES
SAFETY GLASSES
RESPIRATOR

Wear overalls, impervious gloves, safety glasses. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating drinking or using toilet. Wash contaminated clothing and other protective equipment before storing or re-use.

Hygiene Measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|--|
| Form / Colour / Odour: | White or Coloured Viscous Liquid with Solvent Odour |
| Solubility: | Insoluble in water. Soluble in inorganic solvents. |
| Specific Gravity: | 1.0 – 1.2 |
| Vapour Density (Air = 1): | Not Available |
| Vapour Pressure: | Not determined, (3.2 mm Hg @ 20°C for Mineral Turpentine) |
| Flash Point: | Not determined, (flash point for Mineral Turpentine is 33°C) |
| Flammable Limits (in air): | Not Available |
| Ignition Temperature: | Not Available |
| Melting Point (oC): | Not Available |
| Boiling Point (oC): | 147-200°C (for solvent) |
| Decomposition Point: | Not Available |
| pH Value: | Not Applicable |

10. STABILITY AND REACTIVITY

Chemical Stability: This material is thermally stable when stored and used as directed

Hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible: Oxidising agents.

Hazardous: Oxides of carbon and nitrogen, smoke and other toxic fumes.

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11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser.
Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as Aspiration Hazard – Category 1

Specific target organ toxicity (single exposure): This material has been classified as a Category 3 Hazard.
Exposure via inhalation may result in depression of the central nervous system.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity This material has been classified as a Category 2 Hazard.

Specific target organ toxicity (repeat exposure): This material has been classified as a Category 2 Hazard.
Exposure via inhalation may cause neurologic effects.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

Ecotoxicity: No information available.

Persistence and No information available.

Bioaccumulative No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".



UN Goods Class: 1263
Packaging Group: 3
Hazchem Code: II
Emergency Respose Guide: *3YE
Proper Shipping Name: 14 PAINT & RELATED MATERIAL
Segregation of Davgerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.



UN Goods Class: 1263
Packaging Group: 3
Proper Shipping Name: II PAINT & RELATED MATERIAL

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



UN Goods Class: 1263
Packaging Group: 3
Proper Shipping Name: II PAINT & RELATED MATERIAL

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

- Basel Convention (Hazardous Waste)

Wastes from production, formulation and use of inks, dyes, pigments, paints,

- International Convention for the Prevention of Pollution from Ships (MARPOL)
Annex III - Harmful Substances carried in Packaged Form

This material/constituent(s) is covered by the following requirements:

- The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All the constituents of this material are listed on the Australian Inventory of Chemical

16. OTHER INFORMATION