

Manufacturers & Wholesalers of:

**S u p e r i o r A u t o m o t i v e D e t a i l i n g &
I n d u s t r i a l M a i n t e n a n c e P r o d u c t s**

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: M.P THINNERS
Supplier: Omikron Australasia Pty Limited, 5 Carrington Road, Marrickville. NSW. 2204
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Website: www.omikron.com.au
Product Use: Cleaning Solvent for Paints

2. HAZARDS IDENTIFICATION

Hazard Classification: **HAZARDOUS ACCORDING TO CRITERIA OF NOHSC**

R-Phrases: R10 Flammable, R20 Harmful by inhalation, R65 Harmful: may cause lung damage if swallowed.

S-Phrases: S16 Keep away from sources of ignition, S23 Do not breathe vapours, S51 Use only in well ventilated areas

Ingestion: Swallowing can cause irritation to mouth, throat and digestive tract. Ingestion may cause drowsiness, nausea, vomiting and may lead to unconsciousness. May cause lung damage.

Eye Contact: May cause irritation or damage the eye.

Skin Contact: May cause irritation after prolonged use.

Inhalation: Vapour concentrations may cause irritation to the mucous membranes and the respiratory tract. Prolonged exposure to vapours can effect the central nervous system and result in dizziness, headache and unconsciousness.

Environmental Hazard: Toxic to aquatic organisms, may cause long term adverse affects in the aquatic environment.

Physical & Chemical /
Fire & Explosion Hazard: Extreme Hazard. Leaks of gas or spills of liquid can readily form flammable mixtures at temperatures at or above the flash point.
Static discharge. Can cause instant ignition and explosion.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Volume %
Toluene	108-88-3	< 50%
MEK	78-93-3	> 10%
Aliphatic Aromatic Blend	6472-95-6	> 10%

4. FIRST AID MEASURES

- Inhalation: Use proper respiratory protection, immediately remove the affected victim from exposure. Remove patient to fresh air. Administer artificial respiration if breathing has stopped. Keep at rest. **Call for prompt medical attention.**
- Ingestion: **DO NOT Induce vomiting.** Keep at rest. Give a glass water, **seek medical attention immediately.**
- Eye Contact: Immediately flush contaminated eye with water for 20 minutes, holding eyelid open. **Seek medical attention immediately.**
- Skin Contact: Avoid skin contact. Always wear rubber gloves. Thoroughly flush contaminated skin with water. Use soap if available. Remove contaminated clothing and shoes. If swelling, redness, blistering or irritation occurs **seek medical attention immediately.**

5. FIRE FIGHTING MEASURES

- Fire Hazard: Highly Flammable liquid. Remove sources of re-ignition. Flash back along vapour trail may occur. Use water spray to disperse vapours and to protect men attempting to stop the leak. Firefighters should wear full body protective clothing with breathing apparatus. Either allow fire to burn under controlled conditions, or extinguish with foam or dry chemical. Try to cover liquid spills with foam.
- Special Fire Precautions: Avoid spraying water directly into storage containers due to dangers of boilover.

6. ACCIDENTAL RELEASE MEASURES

- Land Spill: Eliminate sources of ignition. Warn occupants of downwind areas of fire and explosion hazard. Prevent liquid from entering sewers, water courses, or low areas. Keep public away. Shut off source if possible.
- Environmental Precautions: Prevent product from entering drains and sewers or landfills.
- Clean-up methods: Dike to prevent entry into waterways. Use sand or Drisorb to mop up excess. Scrap up and shovel or pale and place in suitable containers for disposal. Consult an expert on disposal of material and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

- Handling: Open container slowly to control possible pressure release. Do not breathe vapour. Avoid contact with skin and eyes. Keep away from naked flame. Electrostatic hazard. Use proper grounding procedures.
- Storage: Store in original container in a dry cool place. Keep away from oxidizing agents and foodstuffs. Keep container closed.
- Important Note: Do not cut, heat or weld previously used containers as containers may contain residue.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Measures: Ensure adequate ventilation, especially in confined areas. Always wash hands after use & before eating, smoking, drinking or using the toilet.
- Personal Protection: Wear overalls and wash before re-using.
- Respiratory Protection: Use organic vapour respirator that meets AS AS1715/6.
- Eye Protection: Use chemical goggles.
- Hand Protection: Use impervious solvent resistant gloves.
- Exposure Limits: Exxon/Mobil recommends for total hydrocarbons, based on composition and using the reciprocal calculation procedure (RCB)
Methylbenzene; phenylmethane
TWA: 600mg / m³ (100ppm)

9. PHYSICAL/CHEMICAL PROPERTIES.

Form: Liquid **Smell:** strong solvent odour (Benzene) **Density:** (SG) = 0.83 kg/dm³ (Water = 1)
Colour: Clear liquid **Boiling Point:** Approx 51 - 110 Deg C **Flash Point:** - 15° Deg C
Solubility: In Water 0.00% **PH in Concentrate:** N/A **Vapour Density:** (101.3kpa/Air=1) n/a
Auto Ignition Temperature: > 200° Deg c
Exposure Limits in air: 0.6 – 7 Vol %

10. STABILITY/REACTIVITY

Stability: Normally stable

Materials to Avoid: Keep away from foodstuffs, strong oxidizing agents, heat and all ignition sources.

11. TOXICOLOGICAL INFORMATION

Inhalation: Vapour concentrations above recommended exposure levels may be irritating to the eyes and the respiratory tract, may cause headaches and dizziness, could be anesthetic and may have other central nervous system effects.

Skin contact: Low order of toxicity, frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Eye Contact: Will cause eye discomfort, but will not injure eye tissue.

Ingestion: Minimal toxicity. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary edema.

Chronic: This product contains n-hexane. Overexposure may cause progressive and potentially irreversible damage to the peripheral nervous system.

12. ECOLOGICAL INFORMATION

This product is highly volatile and will rapidly evaporate if released into the water. This product can degrade rapidly in air, and is expected to biodegrade rapidly and be “readily” biodegradable according to OECD guidelines. Expected to be toxic to aquatic organisms. Long term adverse affects are possible if continuous exposure is maintained.

13. DISPOSAL CONSIDERATIONS

Use sand, Drisorb or other similar material. Discard in proper fashion. DO NOT allow to enter waterways. Collect and place in drums with non sparking tools. Refer also to Sections 6 & 7 above.

14. TRANSPORT INFORMATION

Classified as **DANGEROUS GOODS** according to criteria of ADG code

Shipping Name: Flammable Liquids, N.O.S	UN Number: 1993
DG Class: 3	Subsidiary Risk: Nil
Packing Group: II	Special Precautions: Poison Schedule S6
Hazchem Code: 3[Y]E	Hazard Category: Flammable

15. REGULATORY INFORMATION

Poisons Schedule: S6 – Keep out of reach of children. S62- If swallowed, **DO NOT INDUCE VOMITING.** Seek medical advice and show this MSDS.

16. OTHER INFORMATION

Any advice, recommendations, information, assistance or service provided by Omikron Australasia P/L in relation to the goods supplied or their use or application is given in good faith and believed to be appropriate and reliable. Omikron Australasia P/L can not be held responsible for any misuse of this product. The customer accepts full responsibility and risks for use of the goods alone or in combination with other products. All warranties or conditions other than those expressly stated whether implied by statute, common law, custom of trade or otherwise, are to the extent that laws permits are expressly excluded.

CONTACT POINT

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Contact:

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END OF MSDS