



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **872 Moisture Cured Urethane**  
 Product Code: 872  
 Recommended Use: Paint / Coating.  
 Supplier: Topline Paint Pty Ltd t/as Shipway Spescoat  
 ABN: 65 007 626 191  
 Street Address: 33 Aldershot Road  
 Lonsdale SA 5160  
 Australia  
 Telephone Number: +61 8 8384 1188  
 Facsimile: +61 8 8326 1824  
 Email: info@toplinepaint.com.au

**MONOPACK**

## 2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

**Risk Phrases:** R10 Flammable. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed  
 R36/37 Irritating to eyes, skin and respiratory system. R52.

**Safety Phrases:** S02, S03/09/14, S07/8, S13, S14, S16, S21, S23, S24/25, S29, S35, S36/37/39, S38, S61, S62

**Poisons Schedule:** S5



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components                          | CAS Number | Proportion | Risk Phrases |
|-------------------------------------|------------|------------|--------------|
| Xylene                              | 1330-20-7  | 10-60%     |              |
| Toluene Di Isocyanate Monomer (TDI) | 584-84-9   | <0.8%      |              |

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre 131 126 or a doctor.

**Inhalation:** Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have a qualified person give oxygen through facemask if breathing is difficult. Seek immediate medical attention.

**Skin Contact:** Remove contaminated clothing. Wash affected areas with copious amounts of soap and water. Ensure contaminated clothing is washed before re-use or discard. Seek medical attention.

**Eye Contact:** If contact with the eye (s) occur, wash with copious amounts of water, holding eyelid (s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops, seek medical attention.

**Ingestion:** DO NOT induce vomiting. Immediately wash mouth out with water. Seek immediate medical attention.

**Further Medical Treatment:** Symptomatic treatment and supportive therapy as indicated.

## 5. FIRE FIGHTING MEASURES

Classed as flammable. If involved in a fire, it may emit noxious and toxic fumes.

**Extinguishing media:** Foam, dry agent (carbon dioxide, dry chemical powder).

**Fire Fighting:** Highly flammable liquid. Keep containers cool with water spray. On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

**Fire/Explosion Hazard:** Highly flammable liquid. 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.



## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert, non combustible, absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

## 7. HANDLING AND STORAGE

**Conditions for safe storage:** Highly flammable liquid for storage and handling purposes. Keep tightly closed in a dry, cool, well-ventilated area, out of direct sunlight. Avoid sparks, flames and other ignition sources. Store away from incompatible materials. DO NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the store-room reference should be made to Australian Standard AS1940 – The storage and handling of flammable and combustible liquids. Reference should also be made to all Local, State and Federal Regulations.

**Precautions for safe handling:** Repeated or prolonged exposure to this material should be avoided in order to lessen the possibility of disorders. Use in a well ventilated area. Prohibit sources of sparks, ignition and naked flames. Wear appropriate protective equipment. It is essential that all who come in contact with this material, maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toilet. Build up of vapour or mist in the working atmosphere must be prevented. Ensure ventilation is adequate. DO NOT enter confined spaces where vapour or mist may have collected. Keep containers closed when not in use. Prevent accumulation of static electricity and earth all equipment.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** None established for this product. Workplace Exposure Standards (WES) as Time Weighted Averages (TWA) are:

| Name:   | mg/m <sup>3</sup> TWA | ppm TWA |
|---------|-----------------------|---------|
| Xylene  | 350                   | 80      |
| Toluene | 190                   | 50      |

**Engineering controls:** Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use. Vapour heavier than air – prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is recommended.

### Personal Protective Equipment:

**Respiratory Protection:** Avoid breathing of vapours/mists. Where ventilation is inadequate and vapours/mists are generated, the use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended; however final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715- Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716- Respiratory Protective Devices.

**Eye Protection:** Chemical safety glasses or face shield recommended as appropriate. Final choice of appropriate eye/face protection will vary according to individual circumstances including methods of handling or engineering controls as determined by appropriate risk assessments. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications.

**Hand Protection:** General protective gloves recommended as appropriate. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.

**Other Information:** Biological Limit Values: No biological limit allocated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                  |   |
|----------------------------------|---|
| <b>Appearance</b>                | Clear amber coloured liquid                                     |
| <b>Decomposition Temperature</b> | Not available   |
| <b>Melting Point</b>             | Not available   |
| <b>Boiling Point</b>             | 137-143 °C  |
| <b>Solubility in Water</b>       | Insoluble   |
| <b>Specific Gravity</b>          | 0.96  |
| <b>pH Value</b>                  | Not applicable  |
| <b>Vapour Pressure</b>           | >Air  |
| <b>Evaporation Rate</b>          | Not available   |
| <b>Viscosity</b>                 | Not available   |
| <b>Volatile Component</b>        | 60% w/w   |
| <b>Flash Point</b>               | 27 °C   |
| <b>Flammability</b>              | 1.0-7.5 Flammable. Keep away from heat, sparks or naked flames. |
| <b>Ignition Temperature</b>      | Greater than 200  |
| <b>Flammable Limits LEL</b>      | Not available   |
| <b>Flammable Limits UEL</b>      | Not available   |

## 10. STABILITY AND REACTIVITY

|                             |  |
|-----------------------------|--|
| <b>Chemical stability:</b>  | Stable under normal conditions of storage and handling.        |
| <b>Conditions to avoid:</b> | Sources of ignition, excessive heat & Strong oxidising agents. |

## 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:

**Ingestion:** Harmful if swallowed. May cause irritation to the gastrointestinal system. Systems may include nausea, vomiting, diarrhoea, headache, abdominal pain, CNS depression, seizures, loss of coordination.

**Eye contact:** May cause irritation to eye which can result in redness, swelling, itching, stinging and excessive tearing.

**Skin contact:** Harmful in contact with skin. Absorption through the skin, with symptoms paralleling those following ingestion exposures. Will cause irritation to skin, which can result in redness and itching.

**Inhalation:** Harmful by inhalation. May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms included sneezing, coughing, wheezing, shortness of breath, headache, drowsiness, dizziness, nausea and vomiting.

**Long Term Effects:** Prolonged and repeated skin contact may cause drying with cracking, irritation and possible dermatitis following. As with any chemical product, contact with unprotected bare skin: inhalation of vapour, mist or dust in work place atmosphere: or ingestion in any form, should be avoided by observing good occupational work practice.

**Toxicological Data:** No toxicology data is available for this product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data is available for this material.

**Persistence degradability and mobility:** No data is available for this material.

**Aquatic toxicity:** Harmful to aquatic organisms. Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Refer to State Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport** Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2 Spontaneously Combustible Substances
- Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6 Toxic Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.

**UN No:** 1263

**Class-primary:** 3

**Packing Group:** III

**Proper Shipping Name:** PAINT

**Hazchem Code:** 3Y

**ADG Packaging Method:** 5.9.3RT1

**ADG EPG Number:** 3C1

**ADG IERG Number:** 14

## 15. REGULATORY INFORMATION

**Classification:** This material is hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE.

**Hazard Category:** Toxic, Irritant, Flammable.

**Risk Phrase(s):** R10 Flammable. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R36/37 Irritating to eyes, skin and respiratory system

**Safety Phrase(s):** S16 Keep away from sources of ignition – No Smoking. S23 Do not breathe gas/fumes/vapour/spray. S29 Do not empty into drains. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**Poisons Schedule:** S5

**Packaging & Labelling:** Labelling requirements of the Standard for Uniform Scheduling of Drugs and Poison do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing purposes; however is labelled in accordance with the National Occupational Health and Safety Commission's "National Code of Practice for the Labelling of Workplace Substances".

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Topline Paint Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. Persons dealing with the products to which this information refers do so entirely at their own risk. Topline Paint Pty. Ltd. will accept no responsibility what so ever for the consequences of the use or misuse of this product.