

SAFETY DATA SHEET

Hazardous Substance, NON-Dangerous Goods

Section 1: Identification

Product Identifier	Epoxy resin catalyst Trade name: Epoxy XLR8
Recommended Use	Catalyst for Ecoshield Epoxy products
Details of supplier of the SDS	<p>Manufacturer Ecoshield Performance Coatings Pty Ltd 66 O'Sullivan Beach Road Lonsdale 5160 South Australia</p> <p>Contact Person Joe Haif, Managing Director</p> <p>24/7 Emergency 0414 793 237 (TAMSA International Consulting) tamsaconsult@hotmail.com</p> <p>Email info@ecoshield.com.au</p>

Section 2: Hazard Identification

All chemicals are safe if handled correctly, when one takes precautions for the hazard potential. The following must be read and understood by product users. Contact Ecoshield or TAMSA for any clarification.

2.1 Classification of the substance or mixture Classified as hazardous according to the criteria of GHS

2.2 Poison Schedule SUSMP S5 Caution

2.3 Hazard Statements

- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation



Precautionary Statement - Prevention

- P102 Keep out of reach of children
- P103 Read label before use
- P104+P202 Read Safety Data Sheet before use
- P264 Wash contaminated skin thoroughly after handling
- P272 Contaminated work clothing should be allowed out of the workplace
- P273 Avoid release into the environment
- P280 Wear gloves and eye protection

Precautionary Statement - Response

- P101 If medical advice is needed, have product container or label on hand
- P302+P352 IF ON SKIN: Wash with plenty of soap and water
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, continue rinsing
- P310 Immediately call a POISON CENTRE or doctor/physician
- P332+P313 If skin irritation occurs: Get medical attention
- P362 Take off contaminated clothing and wash before use
- P501 Dispose of contents in accordance with local and state regulations

Precautionary Statement - Storage

- P405 Store locked up

Precautionary Statement - Disposal

- P501 Dispose of contents/container according to local regulations

Section 3: Composition of Substance or Mixture

Chemical Name	CAS Number	Percentage
Tris-2,4,6-(dimethylaminomethyl)phenol	90-72-2	Less than 90%
Bis(dimethylamino)methylphenol	71074-89-0	Less than 20%

Section 4: First Aid Measures

4.1 General First Aid Information

Eye Contact

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. May cause irritation, redness, pain and tearing. Seek medical attention.

Inhalation

Not considered a hazard although odour can be unpleasant

Skin Contact

If on skin: wash with plenty of soap and water. May cause redness irritation and pain. If irritation and pain continue seek medical advice.

Ingestion

Do not induce vomiting without medical advice, Call a doctor if necessary.

Advice to Doctor

Treat symptomatically for Epoxy amine. Contact **Poisons Information Centre Australia 131 126**

4.2 Symptoms Caused by Exposure

Warning, Chronic Dermatitis may develop from repeated skin exposures.

Section 5: Fire-Fighting Measures

Not flammable but if involved in a fire use CO2 or dry chemical extinguishers.

Section 6: Accidental Release Measures**6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

Wear protective gloves and eye protection.

6.2 Clean-up and Containment Methods

Collect liquid with absorbant or sand. Place in sealed bin. Dispose of waste in accordance with local and state regulations. Generally suitable for land fill if absorbed spillage is in sealed containers.

Section 7: Handling and Storage**7.1 Precautions for Safe Handling and Storage**

Maintain high standards of hygiene. As with all chemicals wash hands after use. Avoid contact with eyes, skin and mouth. Do not eat drink or smoke when handling this product.

Avoid contact with clothing. Contaminated clothing should be disposed of.
Do not store near acids. Store in cool place.

Section 8: Exposure Controls / Personal Protection**8.1 Occupational Exposure Limit Values**

No exposure standards have been established for this material by Safework Australia. However, with all chemicals, exposure should be kept to the lowest possible levels.

Engineering Controls:	No specific controls are needed. Normal room ventilation is adequate.
Respiratory Protection:	Normal room ventilation is adequate
Skin Protection:	Wear protective chemical resistant gloves and eye protection.
Eye Protection:	Wear safety glasses or goggles.

8.2 Personal Protective Equipment

Wear protective gloves and safety glasses or goggles for eye protection. Normal room ventilation is adequate.

Section 9: Physical and Chemical Properties

Appearance	Pale yellow viscous liquid
Odour	Amine like
Odour Threshold	Data not available
pH	Approximately 11.3
Initial Boiling Point	Over 100°C
Flash Point	149°C
Flammability	Not flammable
Explosive limits	Data not available
Vapour Pressure	Data not available
Specific Gravity	0.97
Solubility in Water	850 g/l
Auto Ignition Temperature	Not available
Decomposition Temperature	Will not decompose
Viscosity	Viscous liquid
Explosive Properties	Not available
Oxidising Properties	Data not available

Section 10: Stability and Reactivity**10.1 Reactivity and Chemical Stability**

Stable under normal conditions of use.

10.2 Possibility of Hazardous Reaction

Exothermic reaction with Part B Epoxy Hardener.

10.3 Conditions to Avoid

Add to combined part A and B. Combined part A and B should be spread on floor surface within 5 minutes to avoid exothermic heat issue. Avoid Nitrates, bleaches and other oxidising materials. Avoid contact with copper, Aluminium and galvanized products as may slowly corrode them.

10.4 Hazardous Decomposition Products

Carbon dioxide and monoxide.

Section 11: Toxicological Information

Acute Toxicity – Oral Exposure

Ingestion may irritate the gastric tract causing vomiting and nausea. LD50 rate greater than 2000 mg/kg.

Acute Toxicity – Dermal Exposure

Irritating on skin. Prolonged or repeated contact may result in contact dermatitis and sensitisation in some individuals.

Acute Toxicity – Inhalation exposure

Not applicable. Not expected to be a respiratory sensitizer.

Acute Toxicity – Other Information

No data available on the product itself.

Skin Corrosion and Irritation

Causes skin irritation and burns, Wash arms, hands and face after handling. Wear protective gloves and eye protection. IF ON SKIN wash with plenty of soap and water. If skin irritation occurs take off contaminated clothing and seek medical attention.

Serious Eye Damage and Irritation

Can cause serious eye damage. Wear eye protection. IF IN EYES rinse with water for several minutes. Remove contact lenses. Continue rinsing. Seek medical help.

Cell Mutagenicity

Not considered mutagenic.

Carcinogenicity

Not considered to be carcinogenic.

Reproductive Toxicity

Not applicable

Target Organ Toxicity from Single Exposure

No data available

Target Organ Toxicity from Repeated Exposure

No data available

Aspiration hazard

No data available

Additional Toxicity Information

Data not available

Section 12: Ecological Information

12.1 Ecotoxicity

Toxic to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents in accordance with local, state and federal regulations.

12.2 Persistence and Degradability

Not readily biodegradable

12.3 Bioaccumulative Potential

Data not available.

12.4 Mobility in Soil

Data not available

12.5 Other adverse Ecological Effects

Data not available

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Do not allow into drains or watercourses. Wastes are controlled wastes and should be disposed of in accordance with any applicable regulations.

Small amounts such as the trade bottle can be absorbed into sand or other medium and disposed of as solid waste.

Section 14: Transportation Information

14.1 UN Number

2375

14.2 Proper Shipping Name or Technical Name

AMINES, LIQUID, CORROSIVE, N.O.S., Liquid, N.O.S.

- 14.3 Transport Hazard DG Class**
8
- 14.4 Packing Group**
III
- 14.5 Special Provisions**
No data available
- 14.6 Label**
Miscellaneous
- 14.7 Hazchem code**
2X
- 14.8 EPG Number**
8A1



Section 15: Regulatory Information

- 15.1 General Information**
No data available
- 15.2 Poisons Schedule**
S5
- 15.3 National / Regional Inventories**
AICS listed

Section 16: Other Information

- 16.1 Revision and Date of SDS**
Issue number 1, dated 11 June 2019
- 16.2 SDS Prepared by:**
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Important note:

All information contained in this SDS is considered by TAMSA International Consulting to be correct at the time of publication. All materials present hazards known and unknown. Caution in use of any product is recommended. This SDS is prepared for Ecoshield Performance Coatings Pty Ltd and is provided for customer and public use in good faith believing it to be accurate and representative. Final determination of suitability for use is the responsibility of the product user

**EMERGENCY SDS CONTACT POINT:
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