

Hazardous Substance, Dangerous Goods

1. IDENTIFICATION

Product Identifier	Product name: Epoxy XLR8
Recommended Use	Catalyst for Ecoshield Epoxy products
Details of supplier of the SDS	Manufacturer: Ecoshield Performance Coatings Pty Ltd ABN 24 145 575 962 40 Donegal Road LONSDALE SA 5160 AUSTRALIA Tel: +61 8 8185 7148 info@ecoshield.com.au Emergency Phone Number (AUSTRALIA) Poisons Information Centre (24 hours): 13 11 26 (Within Australia) Domestic Office House (Technical Support): +61 8 8185 7148 (Mon-Fri, 9.00am-4.00pm ACST) Emergency Services (Fire/Police/Ambulance): 000

2. HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" (ADG Code).

Classified as hazardous according to the criteria of Safe Work Australia (SWA) in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Skin corrosion: Category 1C
Serious Eye Damage: Category 1
Skin Sensitisation: Category 1

2.2 Signal Word

DANGER

2.3 GHS Pictograms



2.4 Hazard Statements

- H314 Causes severe skin burns and eye damage
- H317 May cause an allergic skin reaction

Precautionary Statement - Prevention

- P102 Keep out of reach of children
- P103 Read label before use
- P104+P202 Read Safety Data Sheet before use
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P264 Wash hands thoroughly after handling
- P280 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statement - Response

- P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P310 Immediately call a POISON CENTRE/doctor
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention
 - P363 Wash contaminated clothing before reuse

Precautionary Statement - Storage

P405 Store locked up

Precautionary Statement – Disposal

P501 Dispose of contents/container according to local regulations

3. COMPOSITION AND INFORMATION ON INGREDIENTS

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 15%

4. FIRST-AID MEASURES

4.1 General First Aid Information

Eye Contact

Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.

Inhalation

Move to fresh air.

Skin Contact

Immediately remove contaminated clothing, and any extraneous chemical, if possible, to do so without delay. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing.

Ingestion

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.

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.

5. FIREFIGHTING MEASURES

5.1 Suitable extinguishing media

Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical. Dry sand. Limestone powder.

5.2 Specific hazards

Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

5.3 Special protective equipment for fire-fighters

Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

Do not allow run-off from firefighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Evacuate personnel to safe areas.

6.2 Clean-up and Containment Methods

Call Emergency Response number for advice. Approach suspected leak areas with caution. Place in appropriate chemical waste container.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling and Storage

Avoid contact with skin and eyes. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Use personal protective equipment. When using, do not eat, drink or smoke.

8. EXPOSURE CONTROLS AND 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.

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

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 A Epoxy Resin.

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.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity – Oral Exposure

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

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

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

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.

14. TRANSPORT INFORMATION

- 14.1 UN Number**
2735
- 14.2 Proper Shipping Name or Technical Name**
Amines, liquid, corrosive, n.o.s., (Tris-2,4,6-(dimethylaminomethyl)phenol, Bis(dimethylaminomethyl)phenol)
- 14.3 Transport Hazard DG Class**
8
- 14.4 Packing Group**
III
- 14.5 Special Provisions**
No data available
- 14.6 Label**
Corrosive



15. REGULATORY INFORMATION

- 15.1 General Information**
No data available
- 15.2 National / Regional Inventories**
AICS listed

16. ANY OTHER RELEVANT INFORMATION

- 16.1 Preparation and Revision of SDS**
Issue Date: 02/06/2026
Review Date: 02/06/2031
Version: 1.3
Reason(s) for Update: GHS Compliant

Disclaimer

This Safety Data Sheet should be used in conjunction with the Technical Data Sheet. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. The information is not exhaustive. This does not exonerate the user from ensuring that legal obligation, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.