

Classified as hazardous according to criteria of Worksafe Australia

Section 1: Identification of the substance/mixture and of the company

1:1 Product Identifier

Product Name: EP-2 Epoxy Primer & Waterproof Membrane PART B
Other Names: None
Product Code: EP-2

1:2 Relevant identified uses of the product

Application: Hardener component of 2-part epoxy primer system

1.3 Supplier details

Supplier: Adhesive Construction Technology Pty Ltd (ABN: 65 167 149 233)
Address: 65 Dunn Rd Rocklea QLD 4106
Phone: 1300 794 321 | 07 3255 5601
Emergency Phone: 1300 794 321

The information contained in this safety data sheet is accurate on the date of issue and in accordance with the information available at that time. Persons dealing with products referred to in this safety data sheet do so at their own risk. ACT Australia accepts no liability whatsoever for damage or injury, however caused, arising from use of this information or of suggestions contained herein.

Section 2: Hazard Identification

2:1 Classification of product

GHS: Skin Sensitisation HC-1 (H317)



Signal Word: **WARNING**

Hazard Statements:

H317 May cause an allergic skin reaction

Precautionary Statements:

P261 Avoid breathing vapours or fumes
P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective clothing, gloves, eye/face protection
P302+P352 IF ON SKIN: Wash with plenty of soap and water

P333+P313	If skin irritation or rash occurs get medical attention
P362	Take off contaminated clothing and wash before reuse
P501	Dispose of contents/container in accordance with local regulations
2.3 Other hazards	
Poison Schedule:	Not Applicable

Section 3: Composition/Information on Ingredients

3:1 Mixtures

This product contains 1,2-Ethanediamine, N,N'-bis (2-aminoethyl)-

Chemical Name	CAS-No.	%
1,2-Ethanediamine, N,N'-bis (2-aminoethyl)-	112-24-3	0-10%
Polyamide Resin	N/A	10-30%
Non Hazardous Ingredients	N/A	70-100%

Section 4: First Aid Measures

If poisoning occurs contact a doctor or POISONS INFORMATION CENTRE
(Australia: 13 11 26, NZ 0800 764 766)

4:1 Description of first aid measures

Inhalation:	Remove victim from exposure, avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to resume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if symptoms persist
Skin Contact:	Effects may be delayed. If skin or hair contact occurs immediately remove contaminated clothing and flush skin and hair with running water. If swelling, redness blistering or irritation occurs seek medical attention
Eye Contact:	Flush eyes with large amount of water holding eyelids apart. Seek medical attention immediately
Ingestion:	Flush mouth with copious amounts of water. If swallowed DO NOT induce vomiting. Give water to drink. Never give anything by mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice

4:2 Symptoms caused by exposure

Inhalation:	May be an irritant to mucous membrane and respiratory tract
Skin Contact:	Contact with skin may result in irritation. A skin sensitiser - Repeated or prolonged skin contact may lead to allergic contact dermatitis
Eye Contact:	May be an eye irritant
Ingestion:	Can result in nausea, vomiting and can cause irritation to the throat, stomach and gastrointestinal tract

4:3 Medical Attention and Special Treatment

Note to physician: Treat symptomatically. Effects may be delayed.

Section 5: Fire Fighting Measures

5:1 Suitable extinguishing media

If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

5:2 Specific hazards

Non-combustible material. However following evaporation of aqueous component residual material can burn if ignited

5:3 Special protective equipment and precautions for fire fighters

Chemical resistant clothing should be used along with respiratory protection

Section 6: Accidental Release Measures

6:1 Personal precautions, protective equipment and emergency procedures

Wear appropriate clothing, gloves, eye protection and facemask to avoid inhalation and contact with skin or eyes

6:2 Environmental precautions

Do not allow product to be released into storm water drains, creeks or open bodies of water. Dispose in accordance with local regulations

6:3 Methods and materials for contaminant and cleaning up

Small Spills: wear protective equipment to prevent skin and eye contamination. Avoid inhalation. Wipe up with absorbent clean rag or paper towel. Collect in properly labeled and sealed container for disposal

Large Spills: Clean up immediately. Clear area of unprotected personnel. Product is slippery when spilt. Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Work up wind or increase ventilation. Contain spill and prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services

Dangerous Goods - Initial Emergency Response Guide No: N/A

Section 7: Handling and Storage

7:1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour

7:2 Conditions for safe storage, including any incompatibilities

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

Section 8: Exposure Controls and Personal Protection

8:1 Control parameters

No exposure limits or biological limit values have been allocated for this product

8:2 Exposure controls

Provide adequate ventilation. Observe occupational exposure limits and avoid contact with skin & eyes

8:3 Personal protective equipment (PPE)

Wear safety shoes, overalls, gloves, chemical goggles, and respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Environmental exposure controls: Not available

Section 9: Physical and Chemical Properties

9:1 Physical and chemical properties

Appearance:	A white viscous liquid
Odour:	Mild Amine
Odour threshold:	N/A
pH:	9-10.5
Flash point:	N/A
Flammability limits:	N/A
Solubility in water:	Miscible in water
Stable:	Thermally stable
Vapour pressure:	Not Available
Specific gravity:	1.2
Volatile component:	N/A
Auto ignition temp	N/A
Melting point range	N/A
Boiling point range	100°C approx. (water)
Decomposition point	N/A
Evaporation Rate	N/A
Total VOC (g/Litre)	Zero
Explosive properties	N/A

Section 10: Stability & Reactivity

10:1 Reactivity

None known

10:2 Chemical stability

This material is thermally stable when stored and used as directed

10:3 Conditions to avoid

Elevated temperatures and sources of ignition

10:4 Incompatible materials and possible hazardous reactions

Incompatible materials: Oxidising agents
Hazardous reactions: No known hazardous reactions

10:5 Hazardous decomposition products

Oxides of carbon and nitrogen, smoke and other toxic fumes

Section 11: Toxicological Information

11:1 Information and symptoms related to exposure

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 product is mishandled and overexposure occurs are:

Acute Toxicity:	Exposure can cause feelings of sickness or being unwell. Contact doctor/physician immediately
Skin corrosion/irritation:	A skin sensitiser may cause irritation. Repeated or prolonged exposure to skin can cause dermatitis
Serious eye damage/irritation:	May be an eye irritant
Respiratory or Skin Sensitisation:	Product can irritate mucous membrane. A skin sensitiser
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity (STOT) Single Exposure:	N/A
Repeated Exposure:	No data available
Aspiration Hazard:	N/A

11.2 Numerical measures of toxicity

Acute toxicity estimate (based on ingredients): >20 mg/L

11.3 Immediate, delayed or chronic health effects from exposure

Immediate:	Irritation of the skin
Delayed:	Allergic skin reaction
Chronic:	N/A

11.4 Exposure levels

Exposure levels: N/A

11.5 Interactive effects

Inhalation:	Respiratory conditions such as asthma can increase risk of coughing and wheezing
Skin contact:	Sensitivity of the skin can lead to greater risk of allergic skin reactions

11.6 Data limitations

Data limitations: N/A

Section 12: Ecological Information

Avoid contaminating waterways

12:1 Ecotoxicity

No Information Available

12:2 Degradability

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 K_{ow} < 4

12:3 Bio-accumulative potential

No data available

12:4 Mobility in soil

No data available

12:5 Other adverse effects

None known

Section 13: Disposal Considerations

Section 13:1 Safe disposal of product and packaging

Use appropriate PPE

Dispose of all waste in accordance with local regulations

Packaging is recyclable when all traces of material have been fully cleaned

Do not allow product to enter sewerage system or storm water drains

Section 14: Transport Information

ROAD AND RAIL TRANSPORT

Not 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"

14:1 UN number:	N/A
14:2 Proper shipping name:	N/A
14:3 Transport hazard class:	N/A
14:4 Packaging group:	N/A
14:5 Environmental hazards:	None known
14:6 Special transport precautions:	N/A
14:7 Hazchem code:	N/A

Section 15: Regulatory Information

15:1 Safety, health and environmental regulations specific to the product

N/A

15:2 Poisons schedule number

N/A

Section 16: Regulatory Information

This SDS has been prepared 15th November 2016. This SDS will be reviewed every 5 years. The latest version of this SDS will be available for download from actaus.com This SDS may change from time to time as new information becomes available or in the case of a change in formulation. This SDS is has been prepared as a new document to bring into line with Globally Harmonized System requirements.

16:2 Abbreviations and acronyms used in this SDS

GHS = Globally Harmonized System

CAS = Chemical Abstract Service

HC = Hazard Category

N/A = Not Applicable

TWA = Time Weighted Average

USECHH = Use and Standard of Exposure Chemical Hazardous to Health.

STOT = Specific Target Organ Toxicity

STOT SE = Specific Target Organ Toxicity – Single Exposure

STOT RE = Specific Target Organ Toxicity – Repeated Exposure

mg/m³ = milligram per cubic metre

This SDS has been prepared using information provided by the manufactures of the ingredients contained in this product. This product is a mixture of ingredients.

.... **END OF SDS**

This SDS has been developed in accordance to Worksafe Australia/NOHSC guidelines