

**Classified as hazardous according to criteria of Worksafe Australia |
Classified as Dangerous Goods**

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

1:1 Product Identifier

Product Name:

EP-2 Epoxy Primer & Waterproof
Membrane PART A

Other Names:

None

Product Code:

EP-2

1:2 Relevant identified uses of the product

Application:

Epoxy resin 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 Corrosion/Irritation HC-2 (H315), Serious Eye Damage/Irritation HC-2A (H319), Skin Sensitisation HC-1 (H317), Acute Hazard to Aquatic Environment HC-2, Chronic Hazard to Aquatic Environment HC-2 (H411)



Signal Word: **WARNING**

Hazard Statements:

H315

Causes skin irritation

H317

May cause an allergic skin reaction

H319

Causes serious eye irritation

H411

Toxic to aquatic life with long lasting
effects

Precautionary Statements:

P261	Avoid breathing vapours
P264	Wash hands, face & exposed skin thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator
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, if present and easy to do. Continue rinsing
P333+P313	If skin irritation or rash occurs get medical attention
P337+P313	If eye irritation persists 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:

S5. Caution

DANGEROUS GOOD CLASSIFICATION:

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"

Dangerous Goods Class: 9



Section 3: Composition/Information on Ingredients

3:1 Mixtures

This product contains Bisphenol-A Epoxy Resin

Chemical Name	CAS-No.	%
Bisphenol-A Epoxy Resin	25068-38-6	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. Continue flushing with water until advised to stop by Poisons Information Centre or Doctor; or for 15 minutes and transport to doctor or hospital

Eye Contact:

Flush eyes with large amount of water for at least 15 minutes, 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. Consult a physician

4:2 Symptoms caused by exposure

Inhalation:

May be an irritant to mucous membrane and respiratory tract

Skin Contact:

Contact with skin will result in irritation. Repeated or prolonged skin contact may lead to allergic contact dermatitis

Eye Contact:

Contact with eye can cause permanent eye damage – immediately seek first aid

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

Hazchem Code: •3Z

5:1 Suitable extinguishing media

Use alcohol resistant foam or 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

This product is toxic to aquatic environment 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: 47

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. This material is classified as a Class 9 Miscellaneous Dangerous Good as per the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail" and/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

Incompatibilities: Oxidising agents

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:	Slight odour
Odour threshold:	N/A
pH:	8-9
Flash point:	Not Applicable
Flammability limits:	Not Applicable
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	Not Applicable
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:	Repeated or prolonged exposure to skin can cause dermatitis
Serious eye damage/irritation:	Exposure can cause serious eye damage. Contact will cause stinging/burning sensation, blurring, tearing and possible blindness if left untreated
Respiratory or Skin Sensitisation:	Product can irritate mucous membrane
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:	N/A
Aspiration Hazard:	No data available

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 and eyes
Delayed:	Allergic skin reaction, irritation and possible injury to eyes
Chronic:	N/A

11.4 Exposure levels

Exposure levels:	N/A
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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
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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 a Category Acute 2 Hazard.
Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 Hazard. 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): 1 - 10 mg/L, where the substance is not rapidly degradable and/or BCF \geq 500 and/or log $K_{ow} \geq 4$

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

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"

Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (ADG 07) when transported by road or rail in;

- (a) Packaging's that do not incorporate a receptacle exceeding 500 Kg (L); or
- (b) IBCs.



14:1 UN number:

3082

14:2 Proper shipping name:

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.

14:3 Transport hazard class:

9

14:4 Packaging group:

III

14:5 Environmental hazards:

Hazardous to aquatic environment

14:6 Special transport precautions:

Not to be loaded with explosives (Class 1). Note 1: Materials that are fire risks are incompatible with oxidising agents (Class 5.1) or organic peroxides (Class 5.2). Exemptions may apply

14:7 Hazchem code:

•3Z

Section 15: Regulatory Information

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

N/A

15:2 Poisons schedule number

S5. Caution

Section 16: Regulatory Information

This SDS has been prepared 17th February 2021. 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

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

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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 sensitizer - 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.

Germ Cell Mutagenicity:

A skin sensitiser

Carcinogenicity:

No data available

Reproductive Toxicity:

No data available

Specific Target Organ Toxicity (STOT)

No data available

Single Exposure:

N/A

Repeated Exposure:

N/A

Aspiration Hazard:

No data available

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

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mg/m³ = milligram per cubic metre

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