

# Safety Data Sheet

## Hazardous, Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **Flowcrete Universal Resin 708 - Base A**

Recommended use: No Information

**Supplier:** Tremco CPG Australia Pty Ltd  
**ABN:** 25 000 024 064  
**Street Address:** 12/4 Southridge Street  
Eastern Creek NSW 2766  
**Telephone:** 02 9638 2755  
**Facsimile:** 02 9638 2955

Emergency Telephone number: **02 9037 2994 (Aus) +1 703-741-5500 (Worldwide)**

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to the criteria of Safe Work Australia GHS 7.



#### Signal Word

Danger

#### Hazard Classifications

Acute Toxicity - Inhalation - Category 4  
Skin Corrosion/Irritation - Category 2  
Eye Damage/Irritation - Category 2A  
Sensitisation - Skin - Category 1  
Germ Cell Mutagenicity - Category 1B

#### Hazard Statements

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H340 May cause genetic defects .  
H350 May cause cancer .  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

#### Prevention Precautionary Statements

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust, fume, gas, mist, vapours or spray.  
P280 Wear protective gloves/protective clothing including eye/face protection.  
P284 In case of inadequate ventilation wear respiratory protection.

#### Response Precautionary Statements

Product Name: **Flowcrete Universal Resin 708 - Base A**

Reference No: **A1AMY600003**

Issued: **2023-06-22**

Version: **2.1**

Page **1** of **8**

# Safety Data Sheet



P302+P352 IF ON SKIN: Wash with plenty of water and soap.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

## Storage Precautionary Statement

Not allocated

## Disposal Precautionary Statement

Not allocated

## Poison Schedule:

## 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

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

## 3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Bisphenol-A epoxy resin	25068-38-6	75-100 %
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives	68609-97-2	2.5-10 %
Benzyl alcohol	100-51-6	2.5-10 %
Ingredients determined to be Non-Hazardous		Balance
		100%

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Move to fresh air. Consult a physician after significant exposure.

**Skin Contact:** Use a mild soap if available. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist

**Ingestion:** Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**PPE for First Aiders:** Wear overalls, gloves, apron, safety glasses, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and

# Safety Data Sheet



AS/NZS 1716. Available information suggests that gloves made from should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Notes to physician:** Treat symptomatically. Effects may be delayed. Can cause corneal burns. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. 4.2 Most important symptoms and effects, both acute and delayed. No Information 4.3 Indication of any immediate medical attention and special treatment needed. No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## 5. FIRE FIGHTING MEASURES

**Hazchem Code:** •3Z

**Suitable extinguishing media:** If material is involved in a fire use alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).

**Specific hazards:** Combustible material.

**Fire fighting further advice:** On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations.

### LARGE SPILLS

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations.

**Dangerous Goods - Initial Emergency Response Guide No:** 47

## 7. HANDLING AND STORAGE

**Handling:** Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment

**Storage:** Store in original container. Keep locked up or in an area accessible only to qualified or authorised persons. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

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.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:** No value assigned for this specific material by Safe Work Australia.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous

# Safety Data Sheet



Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering Measures:** Natural ventilation should be adequate under normal use conditions.

**Personal Protection Equipment:** OVERALLS, GLOVES, APRON, SAFETY GLASSES, RESPIRATOR.

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear overalls, gloves, apron, safety glasses, 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. Available information suggests that gloves made from should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## RECOMMENDATIONS FOR CONSUMER USE:

**RESPIRATORY PROTECTION:** Respirator with a vapor filter.**EYE PROTECTION:** Safety glasses.**HAND PROTECTION:** Impervious gloves. Long-sleeved clothing. Remove and wash contaminated clothing before re-use.**OTHER PROTECTIVE EQUIPMENT:** No Information**ENGINEERING CONTROLS:** Avoid contact with skin, eyes, and clothing. Ensure adequate ventilation, especially in confined areas.

**Hygiene measures:** Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Base Units:</b>	Kilogram
<b>Form:</b>	Liquid
<b>Colour:</b>	Not determined
<b>Odour:</b>	slight
<b>Solubility:</b>	Not determined
<b>Solubility in water:</b>	Not determined
<b>Specific Gravity:</b>	1.138
<b>Density:</b>	Approx 1.12 at 20°C
<b>Relative Vapour Density (air=1):</b>	Not determined
<b>Vapour Pressure:</b>	Not determined
<b>Flash Point (°C):</b>	>60°C
<b>Flammability Limits (%):</b>	Not determined
<b>Autoignition Temperature (°C):</b>	Not determined
<b>Melting Point/Range (°C):</b>	Not determined
<b>Pour Point/Range (°C):</b>	Not determined
<b>Boiling Point/Range (°C):</b>	80 - N.D.
<b>Decomposition Point (°C):</b>	Not determined
<b>Sublimation Point (°C):</b>	Not determined
<b>Dropping Point (°C):</b>	Not determined
<b>pH:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Surface Tension:</b>	Not determined
<b>Evaporation Rate (n-Butyl acetate=1):</b>	Not determined
<b>Partition Coefficient:</b>	Not determined
<b>Total VOC (g/Litre):</b>	Not determined
<b>Odour Threshold:</b>	Not determined
<b>Explosive properties:</b>	Not determined
<b>Oxidising properties:</b>	Not determined
<b>% Volatile by Volume:</b>	Not determined
<b>Molecular Formula:</b>	Not determined
<b>Molecular Weight:</b>	Not determined

# Safety Data Sheet



(Typical values only - consult specification sheet)  
N Av = Not available, N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** No decomposition if stored and applied as directed. Stable under normal conditions.

**Conditions to avoid:** No Information

**Incompatible materials:** Strong oxidizing agents. Acids and bases. Amines

**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapours. Alcohols. Exothermic reaction. Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.

**Hazardous reactions:** Hazardous polymerisation does not occur.

## 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:

### Acute Effects

**Inhalation:** Harmful if inhaled. No information available

**Skin contact:** Harmful in contact with skin. Can be absorbed through the skin with resultant toxic effects. No information available A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

**Ingestion:** Harmful if swallowed. No information available

**Eye contact:** No information available

### Acute toxicity

**Inhalation:** This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 10.0 < LC<sub>50</sub> ≤ 20.0 mg/L for vapours or 1.0 < LC<sub>50</sub> ≤ 5.0 mg/L for dust and mist.

Benzyl alcohol LC<sub>50</sub> (Rat): >4178 mg/m<sup>3</sup> (Method: Vapor)

Solvent naphtha (petroleum), light arom. LC<sub>50</sub> (Rat): 3670 ppm/8 hours (Method: Vapor)

**Skin contact:** This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): LD<sub>50</sub> > 2,000 mg/Kg bw

Benzyl alcohol LD<sub>50</sub> (Rabbit): 2000 mg/kg (Method: Dermal)

Reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) LD<sub>50</sub> (Rat): >2000 mg/kg (Method: Dermal)

Solvent naphtha (petroleum), light arom. LD<sub>50</sub> (Rat): >2000 mg/kg (Method: Dermal)

**Ingestion:** This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients): LD<sub>50</sub> > 2,000 mg/Kg bw

Reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) LD<sub>50</sub> (Rat): >2000 mg/kg (Method: Oral)

Oxirane, mono[(C12-14-alkyloxy)methyl] derivs. LD<sub>50</sub> (Rat): 17100 mg/kg (Method: Oral)

Benzyl alcohol LD<sub>50</sub> (Rat): 1620 mg/kg (Method: Oral)

Solvent naphtha (petroleum), light arom. LD<sub>50</sub> (Rat): 4700 mg/kg (Method: Oral)

# Safety Data Sheet



2-phenoxyethanol LD50 (Rat): 1400 mg/kg

**Corrosion/Irritancy:** Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1 Hazard (skin sensitiser).

**Aspiration hazard:** This material has been classified as not an aspiration hazard.

**Specific target organ toxicity (single exposure):** This material has been classified as not a specific hazard to target organs by a single exposure.

## Chronic Toxicity

**Mutagenicity:** This material has been classified as a Category 1B Hazard.

**Carcinogenicity:** This material has been classified as not a carcinogen.

**Reproductive toxicity (including via lactation):** This material has been classified as not a reproductive toxicant.

**Specific target organ toxicity (repeat exposure):** This material has been classified as not a specific hazard to target organs by repeat exposure.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Acute aquatic hazard:** No information

Benzyl alcohol 48hr EC50 (Daphnia magna): 230 mg/l

Solvent naphtha (petroleum), light arom. 48hr EC50 (Daphnia magna): >1 - 10 mg/l

Benzyl alcohol 72hr IC50 (algae): 700 mg/l

Solvent naphtha (petroleum), light arom. 72hr IC50 (algae): >1 - 10 mg/l

Benzyl alcohol 96hr LC50 (fish): 460 mg/l

Solvent naphtha (petroleum), light arom 96hr LC50 (fish): >10-100 mg/l

**Long-term aquatic hazard:** Hazardous to the aquatic environment, Chronic

**Ecotoxicity:** No information

**Persistence and degradability:** No information

**Bioaccumulative potential:** No information

**Mobility:** No information

## 13. DISPOSAL CONSIDERATIONS

If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Product Name: Flowcrete Universal Resin 708 - Base A

Reference No: A1AMY600003

Issued: 2023-06-22

Version: 2.1

Page 6 of 8

# Safety Data Sheet

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;

- (c) packagings that do not incorporate a receptacle exceeding 500 Kg (L); or
- (d) IBCs.



**UN No:** 3082  
**Dangerous Goods Class:** 9  
**Packing Group:** III  
**Hazchem Code:** •3Z  
**Emergency Response Guide No:** 47  
**Limited Quantities:** 5 L

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Segregation Dangerous Goods:** 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.

## MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.



**UN No:** 3082  
**Dangerous Goods Class:** 9  
**Packing Group:** III  
**Limited Quantities:** 5 L  
**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

## AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



**UN No:** 3082  
**Dangerous Goods Class:** 9  
**Packing Group:** III  
**Limited Quantities:** 30 kg G  
**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

## 15. REGULATORY INFORMATION

**This material is not subject to the following international agreements:**

Montreal Protocol (Ozone depleting substances)  
The Stockholm Convention (Persistent Organic Pollutants)  
The Rotterdam Convention (Prior Informed Consent)  
Basel Convention (Hazardous Waste)  
International Convention for the Prevention of Pollution from Ships (MARPOL)

**This material/constituent(s) is covered by the following requirements:**

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth): .

## 16. OTHER INFORMATION

Reason for issue: Revised

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.