SAFETY DATA SHEET

SPRAY-ON-CRETE

Issued: JAN 2025

EMULSION

Non-Hazardous according to criteria of Safe Work Australia

1 PRODUCT & COMPANY UNDERTAKING IDENTIFICATION

Product Name:	**SPRAY-ON-CRETE EMULSION**
Major Recommended Use:	Polymer component for use in SPRAY-ON-CRETE coating system
Company:	Australian Slate Crete Supplies PTY LTD
ABN:	35 051 984 993
Address:	12 Yale Drive, Epping, Victoria, 3076
Telephone Number:	61 (03) 9408 7722
Email:	sales@australianslatecrete.com.au
Web site:	www.australianslatecrete.com.au

2 HAZARDS IDENTIFICATION

GHS Classification: Product as supplied is NON-HAZARDOUS according to criteria of Safe Work Australia

Signal word: Not applicable

Hazard statements: None applicable

Precautionary statements

Prevention	P273	Avoid release to the environment
	P280	Wear protective gloves and eye/face protection
Response	P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
	P302+352	IF ON SKIN: Wash with soap and water
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
Storage	P403+235	Store in a well-ventilated place. Keep cool.
Disposal	P501	Dispose of contents/ container to an approved waste disposal plant.

Risk Statements: R36 Irritating to eyes.

Safety Statements: S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this SDS, container or label.

Hazard Category: Non-Hazardous according to criteria of Safe Work Australia

SUSDP: Not Scheduled as a Poison

ADG CLASS: Not classified as dangerous according to the Australian Dangerous Goods Code

Signs and Symptoms of Exposure *(Acute effects)*:

Swallowed: Irritant. Can cause nausea, vomiting and stomach pain

Eye: Contact with eyes can cause mild irritation and discomfort, and may cause conjunctivitis and corneal oedema when absorbed into the tissue of the eye from the atmosphere. Corneal oedema may give rise to a perception of blue haze or fog around lights. This effect is transient and has no known residual effect.

Skin: Possible irritant to skin. Absorption through skin may occur. Prolonged and repeated contact may result in skin sensitization and dermatitis.

Inhaled: Inhalation risk unlikely in normal use. May cause, on prolonged inhalation, respiratory irritation, dizziness and nausea.

Chronic: Repeated and/or prolonged exposures may result in: adverse skin effects (de-fatting, rash or allergic reaction/sensitization), adverse eye effects (conjunctivitis).

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion	Classification
Acrylic Polymer	Proprietary	30 – 60%	Non-hazardous
2-Butoxyethanol	111-76-2	< 5%	Xn, R20/21/22, Xi, R36/38
Additives below reportable levels		< 1%	
Water	7732-18-5	30 – 60%	

Description Non-hazardous acrylic emulsion

4 FIRST AID MEASURES

Swallowed: If swallowed, do NOT induce vomiting, Give a glass of water and contact a doctor or Poisons Information Centre. Telephone **13 11 26**.

Eye: Immediately hold eye open and irrigate with water for 15 minutes. If persistent irritation occurs, obtain medical attention and see a Doctor.

Skin: Remove any contaminated clothing and product. Wash skin thoroughly with mild soap/water. Seek medical advice if ill effect or irritation develops.

Inhaled: Not considered applicable, however, if any effects are perceived, move patient to fresh air.

First Aid Facilities: Eyewash fountains and safety showers should be available for emergency use.

Advice to Doctor: Treat symptomatically. Dermatitis may result from prolonged or repeated exposure. Aspiration into the lungs may cause chemical pneumonitis.

5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Presents no known fire or explosive hazards and forms no known hazardous decomposition products. Treat fire for materials actually involved in the fire.

Special Exposure Hazards (fire fighting): May generate toxic, irritating or flammable combustion products. Sudden reaction with fire may result if product is mixed with an oxidizing agent. May generate carbon monoxide gas. Personnel in vicinity and downwind should be evacuated.

Special Fire Fighting Procedures: Fire fighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus. Water spray should be used to cool intact drums. Prevent runoff from fire control entering waterways.

HAZCHEM code: Not applicable

6 ACCIDENTAL RELEASE MEASURES

Precautions: No special precautions. Wear protective clothing, boots, gloves, and eye protection.

Methods for Cleaning Up: If recovery is not feasible, admix with dry soil, sand or non-reactive absorbent and place in an appropriate chemical waste container. Transfer to containers by suction, preparatory for later disposal. Flush area with water spray. Clean up personnel must be equipped with non-absorbent/water repellent protective clothing, boots, gloves, and eye protection.

For large spills, recover spilled material with vacuum truck then clean-up as above.

7 HANDLING & STORAGE

Handling: Avoid eye contact and repeated or prolonged skin contact.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use – check regularly for leaks.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:

2-Butoxyethanol	TWA (8 hours)	20 ppm	TWA (8 hours)	96.9 mg/m^3
	STEL (15 min)	50 ppm	STEL (15 min)	242 mg/m^3

Can be absorbed through the skin

Engineering Controls: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Hand Protection: Wear impervious gloves if contact with liquid is possible. Viton offers good resistance; other materials may be less suitable. Check with equipment supplier to determine if level of protection is adequate.

Eye Protection: Splash proof eye goggles.

Body Protection: Standard issue work clothes safety shoes or boots - chemical resistant. If splashes are likely to occur, wear: long sleeve overall. Check with equipment supplier to determine if level of protection is adequate.

Flammability: Non-flammable

9 PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Low viscosity, white milky liquid
Smell:	Slight acrylic odour
pH	8.0 – 9.5
Boiling Point (at 760 mmHg):	No data (≈ 100°C)
Melting Point:	No data (≈ 0°C)
Flashpoint:	Not applicable
Flammability:	Non-flammable
Explosive Limits:	Not applicable
Auto-ignition Temperature:	Not applicable
Oxidizing Properties:	No data
Vapour Pressure (20°C):	2.27 kPa
Vapour Density (Air =1):	< 1
Evaporation Rate (relative to nBA = 1.0)	No data
Solubility in Water:	Insoluble
Specific Gravity:	1.03 – 1.06
VOC content:	< 30 g/L < 2.5% by weight

10 STABILITY & REACTIVITY

Stability: Stable under normal use conditions. Reacts with oxidizing agents.

Conditions to Avoid: No data.

Incompatibility (Materials to Avoid): Oxidizing agents, sodium or calcium hypochlorite. Reaction with peroxides may result in violent decomposition.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide in a fire. Irritating and toxic fumes at elevated temperatures.

Hazardous Transformation Products: Will not occur.

11 TOXICOLOGICAL INFORMATION

No product toxicological information is available:

Acute Oral Toxicity (LD_{50}): no data

Acute Dermal Toxicity (LD_{50}): no data

Acute Inhalation Toxicity (LC_{50}): no data

12 ECOLOGICAL INFORMATION

Basis for assessment: Ecotoxicological data have not been determined specifically for this product.

Mobility: No data available

Persistence/degradability: No data available

Bioaccumulation: No data available

Other adverse effects: Product can be considered an environmental hazard through improper handling and improper disposal.

13 DISPOSAL CONSIDERATIONS

Precautions: Refer to Section 7 before handling the product or containers.

Waste disposal: Recover or recycle if possible. Otherwise: Incineration.

Product disposal: Recover or recycle if possible. Otherwise: Incineration.

Container disposal: Drain container thoroughly and allow to dry. Empty container may be recycled.

Local legislation: The recommendations given are considered appropriate for safe disposal. However, local regulations may be more stringent and these must be complied with.

14 TRANSPORT INFORMATION

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".

Mode	Regulations	Class	Packaging Group	Notes
-	UN	None allocated	Not applicable	
Sea	IMDG	None allocated	Not applicable	This material is not classified as dangerous under IMDG regulations
Road/Rail	ADG Code	None allocated	Not applicable	This material is not classified as dangerous according to the Australian Dangerous Goods Code
Air	IATA/ICAO	None allocated	Not applicable	This material is not classified as dangerous under IATA regulations

15 REGULATORY INFORMATION

GHS Classification: Product as supplied is NON-HAZARDOUS according to criteria of Safe Work Australia

Signal word: Not applicable

Hazard statements: None applicable

Precautionary statements

Prevention	P273	Avoid release to the environment
	P280	Wear protective gloves and eye/face protection
Response	P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
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Storage	P403+235	Store in a well-ventilated place. Keep cool.
Disposal	P501	Dispose of contents/ container to an approved waste disposal plant.

EEC Symbol: Xn Harmful
Xi Irritant

Risk Statements:	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	R36/38	Irritating to eyes and skin.
Safety Statements:	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this SDS, container or label.

SUSDP: Not Scheduled as a Poison

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16 OTHER INFORMATION

Uses and restrictions: This product is designed and intended for use in the concrete industry. Persistent abuse involving repeated and prolonged exposures to high concentrations of vapour ('sniffing') has been reported to result in central nervous system damage and eventually death.

SDS distribution: The information in this document should be made available to all who may handle the product.

Reference: The content and format of this safety data sheet is in accordance with the 3rd Revised Edition of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia's Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals (2011)

Issue Date 29th May, 2016

Reason for Issue Supersedes previous issue dated September 2010
Revised to GHS guidelines