

## SAFETY DATA SHEET

# Eco Grout + Lithium

**NON-Hazardous Substance, NON-Dangerous Goods**

### Section 1: Identification

A low toxicity, low VOC waterborne Lithium modified Acrylic dispersion

Hazard alert code: NIL

- 1.1 **Product Identifier**                      Grout plus Lithium  
Trade name : Eco Grout + Lithium
  
- 1.2 **Recommended Use**                    Penetrating adhesion promoting grouting compound for use when grinding concrete surfaces
  
- 1.3 **Details of supplier of the SDS**            **Manufacturer**  
Ecoshield Performance Coatings Pty Ltd  
66 O'Sullivans Beach Road  
Lonsdale  
South Australia 5160  
**Contact Person**  
Joe Haif, Managing Director  
  
**24/7 Emergency**  
0414 793 237 (TAMSA International Consulting)  
  
**Email**  
info@ecoshield.com.au

### Section 2: Hazard Identification

- 2.1 **Classification of the substance or mixture**            Classified as **non-hazardous** according to the criteria of GHS.  
**Non-dangerous goods** per ADG code
  
- 2.2 **Poison Schedule**    Not classified

Hazard Number	Hazard Statement
H315	Causes skin irritation
H317	May cause allergic skin reaction
H319	Causes eye irritation
Precautionary Number	Precautionary Statement - Prevention
P103	Read label before use
P104	Read Safety Data Sheet before use
P264	Wash arms, hand and face after handling
P273	Avoid release into the environment
P280	Wear gloves and eye protection
	Precautionary Statement - Response
P302 + P352	If on skin wash with plenty of water
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, Continue rinsing
P310	If ingested call a Poisons Centre for advice
P332+P313	If skin irritation occurs: Get medical attention
P362	Take of contaminated clothing and wash before use
P501	Dispose of contents in accordance with local and state regulations

### Section 3: Composition of Substance or Mixture

Chemical Name	CAS Number	Percentage
Styrene Acrylic Co-polymer	25085-34-1	30 - 60%
Lithium Silicate particles	12627-14-4	Less than 20%
Ingredients not considered harmful	Proprietary	Balance

### Section 4: First Aid Measures

#### 4.1 General First Aid Information

<b>Eye Contact</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present if easy to do. Continue rinsing. May cause irritation and redness. Seek medical attention.
<b>Inhalation</b>	Not considered a hazard
<b>Skin Contact</b>	If on skin: wash with plenty of soap and running water. May cause redness. If irritation persists seek medical advice.
<b>Ingestion</b>	Immediately give milk or water. Do not induce vomiting. First aid is generally not required. Call a doctor if necessary.
<b>Advice to Doctor</b>	Treat symptomatically. <b>Poisons Information centre Australia 131 126</b>

#### 4.2 Symptoms Caused by Exposure

Contact dermatitis may develop from repeated exposures.

### Section 5: Fire-Fighting Measures

Not flammable.

If involved in a fire there is no restriction on types of fire extinguishers used in the immediate area.

There is no explosion risk.

**Hazchem - None**

### Section 6: Accidental Release Measures

#### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with skin and eyes. Wear protective gloves and eye protection.

#### 6.2 Clean-up and Containment Methods

Minor hazard. Collect liquid with absorbant or sand. Place in sealed bin. Dispose of waste in accordance with local and state regulations. Generally suitable for land fill if absorbed spillage is in sealed containers.

### Section 7: Handling and Storage

#### 7.1 Precautions for Safe Handling

Maintain high standards of hygiene. As with all chemicals wash hands after use.  
Avoid contact with eyes, skin and mouth. Avoid contact with clothing.  
Contaminated clothing should be disposed of.

#### 7.2 Precautions for Storage

Store in original containers.  
Do not allow to freeze.  
Store away from foodstuffs

### Section 8: Exposure Controls / 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.  
 Eye Protection: Wear safety glasses or goggles.



**8.2 Personal Protective Equipment**

Wear protective gloves and safety glasses or goggles eye protection. Normal room ventilation is adequate.

**Section 9: Physical and Chemical Properties**

Appearance:	Milky white liquid
Odour:	Slight, sweet
Odour threshold:	Data not available
pH:	Approx. 8
Initial Boiling Point:	Commences 100°C
Flash Point:	Data not available
Flammability:	Not flammable
Explosive Limits:	Data not available
Vapour Pressure:	17 mm Hg at 25 deg C
Specific Gravity:	1.07
Solubility in Water:	100% Dispersible
Auto Ignition Temperature:	Not capable of Auto ignition
Decomposition Temperature:	Will not decompose
Viscosity:	Free flowing liquid
Explosive Properties:	Will not explode
Oxidising Properties:	Data not available

**Section 10: Stability and Reactivity**

**10.1 Reactivity and Chemical Stability**

Stable under normal conditions of use.

**10.2 Possibility of Hazardous Reaction**

Hazardous polymerization will not occur..

**10.3 Conditions to Avoid**

Stable under normal conditions.

**10.4 Hazardous decomposition Products**

Will not occur.

**Section 11: Toxicological Information**

**Acute Toxicity – Oral Exposure**

Has not been classified as harmful by ingestion. Ingestion may irritate the gastric tract causing vomiting and nausea.

**Acute Toxicity – Dermal Exposure**

This material is not thought to produce adverse health effects or skin irritation from contact. Nevertheless, good hygiene practice requires skin to be protected from any chemical contact.

**Acute Toxicity – Inhalation exposure**

Not thought to produce adverse health effects from inhalation. Nevertheless, good hygiene practice requires avoiding breathing any chemical product.

**Chronic Exposure**

Long term exposure to the product is not thought to produce any chronic health effects. Nevertheless exposure by all routes should be minimized as a matter of course.

**Skin Contact and Irritation**

Not thought to produce adverse health effects from skin contact

**Serious Eye Damage and Irritation**

Not thought to produce adverse health effects from eye contact. Refer to first aid procedures in section 4 above.

**Cell Mutagenicity**

Not considered mutagenic.

**Carcinogenicity**

Not considered to be carcinogenic.

**Reproductive Toxicity**

Not applicable

**Target Organ Toxicity from Single Exposure**

Not applicable

**Target Organ Toxicity from Repeated Exposure**

Not applicable

**Aspiration hazard**

Not applicable

**Additional Toxicity Information**

Data not available

## Section 12: Ecological Information

**12.1 Ecotoxicity**

Not classified as toxic to aquatic life with long lasting effects. However, avoid release to the environment. Dispose of contents in accordance with local, state and federal regulations.

**12.2 Persistence and Degradability**

Data not available.

**12.3 Bioaccumulative Potential**

Data not available.

**12.4 Mobility in Soil**

Data not available

**12.5 Other adverse Ecological Effects**

Data not available

## Section 13: Disposal Considerations

**13.1 Waste Treatment Methods**

Do not allow into drains or watercourses. Wastes are not controlled wastes but should be disposed of in accordance with any applicable regulations. Absorbed spillages are suitable for land fill disposal.

## Section 14: Transportation Information

Not regulated for transport of dangerous goods.

**14.1 UN Number**

None assigned

**14.2 Proper Shipping Name or Technical Name**

Acrylic waterborne emulsion.

**14.3 Transport Hazard DG Class**

None (ADG7)

**14.4 Packing Group**

Not regulated

**14.5 Special Provisions**

No data available

**14.6 Label**

No specific requirement

**14.7 Hazchem code**

None

**14.8 EPG Number**

None

## Section 15: Regulatory Information

**15.1 General Information**

No data available

**15.2 Poisons Schedule**

None

**15.3 National / Regional Inventories**

AICS listed

## Section 11: Other Information

**16.1 Revision and Date of SDS**

Issue number 1, dated 21 September 2017

**16.2 SDS Prepared by:**

P. Holgate MRACI, Ch Chem, FATFA  
TAMSA International Consulting  
Contact [tamsaconsult@optusnet.com.au](mailto:tamsaconsult@optusnet.com.au) 24/7 mobile 0414 793 237

**Important note:**

All information contained in this SDS is considered by TAMSA International Consulting to be correct at the time of publication. All materials present hazards known and unknown. Caution in use of any product is recommended. This SDS is prepared for Ecoshield Performance Coatings Pty Ltd and is provided for customer and public use in good faith believing it to be accurate and representative. Final determination of suitability for use is the responsibility of the product user

**EMERGENCY SDS CONTACT POINT:**

**TAMSA International Consulting**      **24 hour mobile – 0414 793 237**  
**Email for MSDS enquiries: [tamsaconsult@optusnet.com.au](mailto:tamsaconsult@optusnet.com.au)**