

# Material Safety Data Sheet

## Hazardous Substance, Non-Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product name:** Commercial EG - Part B

**Recommended Use:** Part B of a 2 part epoxy grout.

<b>Supplier:</b>	RLA Polymers Pty Ltd
<b>ABN:</b>	004 709 915
<b>Street Address:</b>	215 Colchester Road, Kilsyth, Victoria, 3137. Australia.
<b>Telephone:</b>	03 9728 1644
<b>Facsimile:</b>	03 9728 6009
<b>Emergency telephone number:</b>	0417145022

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Hazardous to the Aquatic Environment - Acute Hazard: Category 2  
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2  
Eye Damage/Irritation: Category 1  
Acute Toxicity - Inhalation: Category 4  
Acute Toxicity - Oral: Category 4  
Skin Corrosion/Irritation: Category 1A  
STOT Single Exposure Category 3 (respiratory tract irritation)  
Sensitization - Skin: Category 1

**Signal Word (s)**      Danger

#### Hazard Statement (s)

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.  
Corrosion, Environment, Exclamation mark

#### Pictogram (s)



#### Precautionary statement – Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.

# Material Safety Data Sheet



P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

## Precautionary statement – Response

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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.

P310 Immediately call a POISON CENTER or doctor/physician.

P330 Rinse mouth.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

## Precautionary statement – Storage

P405 Store locked up.

## Precautionary statement – Disposal Other Information

P501 Dispose of contents/container according to local regulations.

This product contains silica, a listed carcinogens according to IARC, ACGIH, NTP

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

## Poisons Schedule (Aust): S5

This product is a schedule Poison S5 and must be stored, maintained and used in accordance with the relevant regulation.

### 3. COMPOSITION INFORMATION

CHEMICAL ENTITY;	CAS NO.	PROPORTION
Benzyl alcohol	100-51-6	10-30%
4,4' methylenebiscyclohexanamine	1761-7-13	<10%
Isopherone diamine	2855-13-2	<10%
Paratertiary butyl phenol	98-54-0	<5%
M-Xylene a,a'-diamine	1477-55-0	<5%
Trimethylhexane-1,6-diamine	25620-58-0	<5%
Silica Chrystalline	808-60-7	<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).

# Material Safety Data Sheet



**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye contact:** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

**Ingestion:** Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

**Notes to physician:** Treat symptomatically. Effects may be delayed.

## 5. FIRE-FIGHTING MEASURES

**Specific hazards:** Combustible material.

**Fire fighting further advice:** On burning 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.

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

### LARGE SPILLS

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

**Dangerous Goods – Initial Emergency Response Guide No:** Not applicable.

## 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye 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. This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:**

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.

# Material Safety Data Sheet



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

**Personal protection equipment:** OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber 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 reusing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Thick neutral colored paste

**Solubility:** Insoluble in water

**Specific Gravity (20 °C):** 1.15-1.20

**Relative Vapour Density (air=1):** N App

**Vapour Pressure (20 °C):** N App

**Flash Point (°C):** N App

**Flammability Limits (%):** N App

**Autoignition Temperature (°C):** N App

**Melting Point/Range (°C):** N Av

**Boiling Point/Range (°C):** N Av

**pH:** N App

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** This material is thermally stable when stored and used as directed.

**Conditions to avoid:** Elevated temperatures and sources of ignition.

**Incompatible Materials:** Oxidising agents.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke and other toxic fumes.

**Hazardous reactions:** No known hazardous reactions.

## 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:** Material may be irritant to mucous membranes and respiratory tract.

**Skin contact:** Contact with skin will result in irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

**Eye contact:** An eye irritant.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Long Term Effects:** No information available for product.

**Acute toxicity / Chronic toxicity:** No LD50 data available for the product.

## 12. ECOLOGICAL INFORMATION

# Material Safety Data Sheet



**Persistence and degradability Mobility** No data available on the product itself.

**Mobility** No data available

## **Bioaccumulative Potential**

No data is available on the product itself. Benzyl alcohol: Low bioaccumulation potential.

## **Acute Toxicity – Fish**

No data is available on the product itself.

Methylenebiscyclohexanamine, 4,4'-: LC50, Golden orfe (*Leuciscus idus*), 96h: 46 - 100 mg/l

Benzyl alcohol: LC50, bluegill sunfish (*Lepomis macrochirus*), 96h: 10 mg/l

Benzyl alcohol: LC50, fathead minnow (*pimephales promelas*), 96h: 460 mg/l

**Acute Toxicity – Daphnia:** No data is available on the product itself. Methylenebiscyclohexanamine, 4,4'-: LC50, *Daphnia magna*, 96h: 6.84 mg/l

**Acute Toxicity – Algae:** No data is available on the product itself.

Methylenebiscyclohexanamine, 4,4'-: LC50, Algae, 96h: 140 - 200 mg/l Benzyl alcohol: IC50, Algae, 72h: 700 mg/l

**Acute Toxicity - Other Organisms:** No data is available on the product itself

Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

## 14. TRANSPORT INFORMATION

### **ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

### **MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### **AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

### **Poisons Schedule (Aust): S5**

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

### **Literary reference**

This Material Safety Data Sheet has been prepared by RLA Polymers on behalf of its client.

Reason(s) For Issue: First Issue under RLA

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

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of

# Material Safety Data Sheet



the product, and in particular how to safely handle and use the product in the workplace. Since RLA Polymers cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.