



Material Safety Data Sheet

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Issue date: November, 2006

EPOXY GROUT Resin

Hazardous according to criteria of Worksafe Australia

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

River Sands Pty Ltd
ACN 009 919 215
ABN 41 009 919 215
683 Beenleigh Redland Bay Rd
CARBROOK QLD 4129
Tel: +61 7 3287 6444
Fax: +61 7 3287 6445

Emergency Advice All Hours:
Australia Wide: 131 126

Product Name: Epoxy Grout
Use: Two part epoxy based high early strength grout.
UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated
Poison Schedule: None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
Bisphenol A epichlorhydrin resin	40-60%	25068-36-6
Inert Pigment	40-60%	----
Ingredients determined non hazardous	To 100%	----

3. HAZARD IDENTIFICATION

Hazardous according to the criteria of Worksafe Australia.

Classification Xi Irritant

ACUTE HEALTH EFFECTS

Swallowed: May cause nausea, stomach cramps and diarrhoea if swallowed in large amounts.

Eye: Substance is irritating to eyes. Contact with eyes will cause pain and redness temporarily.

Skin: Irritating to skin. Frequent and prolonged contact can cause skin sensation.

Inhaled: Inhalation of vapours may irritate respiratory system.



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4. FIRST AID MEASURES

Swallowed:

If swallowed, contact Doctor. **DO NOT induce vomiting**, wash out mouth with water and give glass of water to drink.

Eye:

Flush with plenty of water for at least 15 minutes, ensuring eyelids are held open and see a Doctor.

Skin:

If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.

Inhaled: Move to fresh air. Monitor for respiratory distress. Seek medical attention if irritation occurs.

First Aid Facilities:

Eye wash fountain shall be available.

Advice to Doctor:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point: >150°C

Ignition Not available

Extinguishing Use foam, CO2 or powder to extinguish fire

FLAMMABILITY: Class C2 Combustible liquid, will not burn unless preheated.

Isolate from sources of heat, naked flames or sparks. Refer to AS 1940 Storage and handling of flammable and combustible liquids and AS 2865- Safe working in a confined space, for more specific information on these subjects.

6. ACCIDENTAL RELEASE MEASURES

Prevent entering sewers or storm water drains or waterways as product may be toxic in aquatic environments. Absorb with dry sand, vermiculite or special spill absorbent materials place in suitable sealed containers. Dispose of waste material using a registered chemical disposal company.

7. HANDLING AND STORAGE

Handling precautions

Ensure a high level of personal hygiene is maintained.

Wear gloves if there is a possibility of contact with product keep container sealed when not in use.

Storage precautions

C2 Classification- combustible liquid

Store in a well ventilated area. Keep away from ignition sources, oxidizing agents, foodstuffs and clothing.

Keep container closed when not in use.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards have been established for this product by NOHSC

Do not store or consume food, drink or tobacco in an area where they may become contaminated with this material. Wash thoroughly before eating, smoking, applying cosmetics etc. Thoroughly launder work clothes before reuse.

Engineering Controls

Local ventilation not normally necessary but should be considered if used in poorly ventilated or very confined space.

Personal Protection Equipment

CLOTHING: PVC or rubber apron, coveralls, safety shoes/boots.

GLOVES: PVC or rubber.

EYES: Safety glasses to protect eyes.

RESPIRATORY PROTECTION: Select and use respirators in accordance with AS/NZS 1715/1716. If used in poorly ventilated or very confined spaces, a standard disposable dust mask fitted with a type P1 filter should be used that complies with AS1716 Respiratory Devices and used in accordance with AS1715 which describes use and maintenance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White high viscosity paste
Boiling Point:	Not available
Vapour Pressure:	Not available
Density :	1.6-2.0 kg/l @25°C
Flash Point:	>150°C
Solubility in Water:	Negligible

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon and noxious smoke

HAZARDOUS REACTIONS

Stable in normal conditions

Reacts to strong oxidizing agents

Reacts with bases, ammonia, amines, alcohols and acids polymerizes exothermically.

11. TOXICOLOGICAL INFORMATION

Oral: LD >2000 mg/kg

Dermal: LD50 > 2000 mg/kg

Not carcinogenic

Mutagenicity: Positive in in-vitro, negative in in-vivo

Reproductive effects: Does not contain chemicals implicated in adverse effects



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12. ECOLOGICAL INFORMATION

MOBILITY: Sinks in water

Environmental Information

Not readily biodegradable, has the potential to bioaccumulate

Acute toxicity (fish): Toxic 1 <LC50< 10mg/l.

Sewage treatment: EC50> 1-10 mg/l, lethal to organisms in sewage treatment plants.

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Disposal of this material should be undertaken by a registered chemical disposal company.

14. TRANSPORT INFORMATION

UN Number: 3082

Proper Shipping Name: Environmentally Hazardous substances, Liquid, N.O.S.
Contains Bisphenol Epichlorohydrin Resin

Dangerous Goods Class: 9

Packing Group: III

Hazchem Code: 2X

Transport Information: Not classified as a Dangerous Good according to the Australian Code for the Trans of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Risk Phrase
R43 May cause sensitization by skin contact.
R51 Toxic to aquatic organisms
R53 May adversely effect aquatic environments long term
R36/38Irritating to eyes and skin

Safety Phrase
S24 Avoid contact with skin
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor
S28 After contact with skin, wash immediately with plenty of water
S37/38Wear protective eyewear/face shield and gloves



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16. OTHER INFORMATION

PRINCIPAL REFERENCES:

Material Safety Data Sheet – River Sands Pty Ltd
Issue date: 7/11/2006
Issued by : Tess Flores – Technical Manager
Supersedes: All previous Material Safety Data Sheets Issued

The customer is advised to consult the product Technical Data Sheets for further information including advice on suitable equipment.

Information used in the compilation of this MSDS obtained from investigations conducted at outside laboratories.

Supersedes: All previous Material Safety Data Sheets Issued

REASONS FOR UPDATE:

1. Product release

MSDS's are updated frequently. Please ensure that you have a current copy.

Contact Point

Emergency Advice All Hours:

Australia Wide: 131 126

River Sands Pty Ltd

Tel: +61 7 3287 6444

Fax: +61 7 3287 6445

Contact: Paul Moorfoot – General Manager

Disclaimer

This Material Safety Data Sheet should be used in conjunction with the Technical Data Sheet. It does not replace them. The information given is based on our knowledge of the health and safety data of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact River Sands Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and / or legislation.

END OF DOCUMENT