



Hazardous according to criteria of Worksafe Australia

ACS Paste Control

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

River Sands Pty Ltd
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ABN 41 009 919 215
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CARBROOK QLD 4129
Tel: +61 7 3287 6444
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Emergency Advice All Hours:
Australia Wide: 131 126

Product Name: ACS Paste Control
Use: Cement Binder Setting Control Aid
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

Ingredients Name	CAS	Proportion
Polycarboxylic Acids	-	<30%
Other corrosive ingredients	-	<10%

Other Ingredients determined as non-hazardous or component is below potentially hazardous amounts.

3. HAZARD IDENTIFICATION

Hazardous substance, according to the criteria set by Worksafe Australia.
Dangerous goods

Risk Statement: R20/21 Harmful by inhalation and skin contact.
R34 Causes Burns.
R41 Risk of serious damage to eyes.

Safety Statement: S2 Keep out of reach of children.
S24/25 Avoid contact with skin and eyes.
S46 If swallowed seek medical advice immediately and show this container or label.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Hazard Category: Corrosive Irritant

ACUTE HEALTH EFFECTS

Swallowed: Significant oral exposure is considered to be unlikely.
Eye: Irritation to the eye, including redness, stinging and watering. Long term exposure may cause permanent damage to the eyes.
Skin: May cause irritation, and minor burns after prolonged exposure.
Inhaled: May cause irritation to the respiratory system
Chronic Health Effects: Prolonged or repeated exposure may cause damage to eyes and skin.

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4. FIRST AID MEASURES

- Swallowed:** If swallowed, contact Doctor or the poisons information centre. **DO NOT induce vomiting** and give glass of water.
- Eye:** If in eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open and seek medical attention
- 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
- First Aid Facilities:** Eye wash, shower and normal washroom facilities.
- Advice to Doctor:** Treat symptomatically. If skin sensitisation has developed and a causal relationship has been confirmed, further exposure should not be allowed.

5. FIRE-FIGHTING MEASURES

Specific hazards: Non-combustible material

Special protective precautions and equipment: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. 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.

Suitable extinguishing media: Not combustible, however, 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). Collect and seal in properly labelled containers or drums for disposal.

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. Wash down area with large quantities of water. If large contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

Conditions for safe storage: Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from alkalis. Store away from foodstuffs. Keep containers closed when not in use – check regularly for leaks.

Precautions for safe handling: Avoid skin and eye contact and breathing in vapour. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

Precautions to Be Taken in Storage: Keep in cool, dry storage area. Keep containers closed when not in use.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment:

Avoid contact with the skin and eyes, and avoid breathing vapours. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:-

- (1) Eye/Face protection
- (2) Neoprene, butyl rubber gloves
- (3) Leather boots

Contamination: If contamination occurs, change clothing taking care to avoid skin contact with the contaminated area, and discard internally contaminated gloves. Launder contaminated clothing before reuse. Observe good personal hygiene. Eye wash fountains and safety showers should be available for emergency use.

Engineering Controls: Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels as low as is reasonably practicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
pH	2.5 – 4.5
Boiling point	Not available
Solubility	Miscible with water
Specific gravity	Approximately 1.1 kg/l
Flammability	Non-flammable
Hazardous reactions	Exothermic reaction with alkalis

10. STABILITY AND REACTIVITY

Stability:	This material is thermally stable when stored and used as directed.
Conditions to avoid:	Do not heat.
Incompatible Materials:	Not to be loaded with alkalis.
Hazardous decomposition products:	Some toxic fumes may be released.
Hazardous reactions:	Exothermic reaction with alkalis.

11. TOXICOLOGICAL INFORMATION

Acute Effects:

Inhalation:	Mild irritation may occur.
Swallowed:	Accidental swallowing is unlikely in the work setting.
Eye:	Liquid may severely irritate the eyes.
Skin:	Contact with skin may result in irritation and minor burns.

Carcinogenic Effects: Product used according to technical and manufacturing information has had no carcinogenic effects observed.

Reproductive toxicity: No effect on fertility or reproduction was found in published data available at time of revision.

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12. ECOLOGICAL INFORMATION

Ecotoxicity: Not known
Persistence and degradability: Not known

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers:

Suitable for incineration by approved agent under controlled conditions if permitted by local authorities, otherwise disposal must be in accordance with local waste authority requirements. Product must be contained and not disposed to sewerage systems, drains or waterways.

14. TRANSPORT INFORMATION

UN Number: Not assigned
Class and subsidiary risk(s): Corrosive liquid
Special precautions for user: Keep container tightly closed. Store product between 15-30°C, in a dry environment and out of direct sunlight.

15. REGULATORY INFORMATION

Poisons schedule: No Poisons Schedule Number allocated.

16. OTHER INFORMATION

Sources for data: Suppliers MSDS for component ingredients
National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Ed [NOHSC: 2011(2003)]
Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)]

Issued by: James Manikath – Technical Manager

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.

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

Contact Point

Emergency Advice All Hours:

Australia Wide: 131 126

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.

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