



Hazardous according to criteria of Worksafe Australia

ACS Rapidseal VCD Grout

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

River Sands Pty Ltd
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Australia Wide: 131 126

Product Name: ACS Rapidseal VCD Grout
Use: Ground support grout for mining applications
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
Portland Cement	65997-15-1	30 – 60%
Calcium aluminates	65997-16-2	10 – 30%

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.

Risk Statement: R36/37/38 Irritating to eyes, respiratory system and skin.

Safety Statement: S22 Do not breathe dust.
S24/25 Avoid contact with skin and eyes.

Hazard Category: Irritant

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.

5. FIRE-FIGHTING MEASURES



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Specific hazards: Non-combustible material

Special protective precautions and equipment: Not combustible. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to surrounding fire material requires this.

Suitable extinguishing media: Not combustible, use extinguishing media suitable for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Wear protective equipment to prevent inhalation of dust. Avoid inhalation of particles when sweeping or vacuuming up. Collect and seal in properly labelled containers or drums for disposal.

Large spills: As above. 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. Store away from foodstuffs. Keep containers closed when not in use. Store away from strong acids, oxidising agents and alkalis.

Precautions for safe handling: Avoid skin and eye contact and breathing in dust. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: 10mg/m³

Personal Protective Equipment:

Avoid contact with the skin and eyes, and avoid breathing dust. 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) Nitrile, rubber or PVC gloves
- (3) Respirator – Class P1 or dust mask

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 may be required due to the dust generated from the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light weight grey powder
Solubility	Insoluble in water
Flammability	Non-flammable
Specific Gravity	3.1
pH (1:1 mixture)	>11

10. STABILITY AND REACTIVITY



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Stability: Stable under normal storage. Hygroscopic
Incompatible Materials: Strong oxidising agents, acids and alkalis.
Hazardous decomposition products: Fuses on heating
Hazardous reactions: None

11. TOXICOLOGICAL INFORMATION

Acute Effects:

Inhalation: May cause irritation. The dust is harmful to the upper respiratory tract and lungs.
Swallowed: May cause irritation and burns to the gastrointestinal tract.
Eye: May cause irritation and corneal scarring due to the abrasive nature of the material.
Skin: May cause irritation and dermatitis. When moist may cause alkali burns and dry skin.

Chronic: Overexposure to respirable dust may cause coughing, wheezing difficulty in breathing and impaired pulmonary function. Chronic symptoms include decreased vital lung capacity and chest infections. Chronic exposure may cause silicosis, a disabling form of pneumoconiosis, which leads to fibrosis.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Slightly water polluting, do not discharge into waterways and sewers
Persistence and degradability: Not known

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers:

Suitable for disposal 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): Not assigned
Special precautions for user: Keep container tightly closed. Store product in a dry environment.

15. REGULATORY INFORMATION

Poisons schedule: No Poisons Schedule Number allocated.



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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: Gilbert Latouche – Research Chemist

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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