



Material Safety Data Sheet

Page 1 of 5

Issue date: 15/02/07

ACS Construction Grout

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: Grout HES
Use: cement 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
Silica Sand	45-55%	14808-60-7
Portland Cement	35 - 40%	65997-15-1
Fly Ash	10 - 15%	----
Non hazardous ingredients Or below cut off concentrations	to 100%	-

3. HAZARD IDENTIFICATION

Hazardous according to the criteria of Worksafe Australia. This product may contain crystalline silica.

ACUTE HEALTH EFFECTS

Swallowed: May cause nausea, stomach cramps and constipation.
May cause caustic burns.

Eye: In dust form, may cause burning and corneal scarring.

Skin: May cause irritation, burns and tissue damage. When mixed with water, the caustic properties of the cement in the mix can dry the skin and cause alkali burns.



Material Safety Data Sheet

Page 2 of 5

Issue date: 15/02/07

ACS Construction Grout

Hazardous according to criteria of Worksafe Australia

Inhaled: May irritate respiratory system if sufficient dust is inhaled. May aggravate an existing lung condition. Repeated inhalation may cause bronchitis, silicosis or lung cancer.

4. FIRST AID MEASURES

Swallowed:

If swallowed, contact Doctor. **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 see a Doctor if irritation continues.

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

EXTINGUISHING MEDIA: Select to suit surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

FLAMMABILITY : Non flammable.

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION:

None available.

SPILL OR LEAK PROCEDURE:

None available.

SMALL SPILLS:

Wipe up with absorbent tissues or cloth. Remove any spill residues with a small amount of water.

LARGE SPILLS:

Prevent entering sewers or stormwater drains or waterways. Absorb with dry sand, vermiculite or special spill absorbent for water based materials. Dispose of by incineration or to land fill as permitted by local regulations.

7. HANDLING AND STORAGE

No restrictions. Store in dry location.



Material Safety Data Sheet

Page 3 of 5

Issue date: 15/02/07

ACS Construction Grout

Hazardous according to criteria of Worksafe Australia

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

Portland Cement 10mg/m³ TWA
Crystalline Silica 0.2 mg/m³ respirable dust

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: Grey cement coloured free flowing powder
Boiling Point: Not relevant
Vapour Pressure: Not relevant
Bulk Density : ~2000 kg/m³
Flash Point: Not relevant
Flammability Limits: Not relevant
Solubility in Water: Negligible but will react with water to harden.

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

None allocated.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

None allocated.



Material Safety Data Sheet

Page 4 of 5

Issue date: 15/02/07

ACS Construction Grout

Hazardous according to criteria of Worksafe Australia

CONDITIONS TO AVOID:

None allocated.

11. TOXICOLOGICAL INFORMATION

No toxicological information is available for this product.

12. ECOLOGICAL INFORMATION

No environmental impact information is available for this product.

Avoid contaminating waterways, drains or sewers.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated

15. REGULATORY INFORMATION

Poison Schedule:
This material is not poisonous.

16. OTHER INFORMATION

PRINCIPAL REFERENCES:

Material Safety Data Sheet - River Sands Pty Ltd
Issue date: 15/02/07
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.



Material Safety Data Sheet

Page 5 of 5

Issue date: 15/02/07

ACS Construction Grout

Hazardous according to criteria of Worksafe Australia

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

Issue date: 15/02/07

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