



Material Safety Data Sheet

Easy Mix Rapid Set Concrete

Page 1 of 5

Issue Date: January 2012

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: Easy Mix Rapid Set Concrete

Use: This product is designed for the do it yourself market as a quick setting premixed concrete

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
Cementitious component (Including High Alumina Cement)	15-25%	65997-16-2 65997-15-1
Gravel	25-35%	----
Set Accelerator	1 to 2%	

3. HAZARD IDENTIFICATION

Hazardous according to the criteria set by Worksafe Australia. This product contains crystalline silica.

ACUTE HEALTH EFFECTS

Swallowed: May cause nausea, stomach cramps and constipation.
(Cement is mildly abrasive and corrosive.)

Eye: Product may cause moderate to severe eye irritation.

Skin: May cause slight irritation. **Long Term** - When wet, the caustic properties of the cement in the Concrete can dry the skin and cause alkali burns. There may be trace amounts of hexavalent chromium present and in some individuals this may cause dermatitis.



Material Safety Data Sheet

Easy Mix Rapid Set Concrete

Page 2 of 5

Issue Date: January 2012

Hazardous According to Criteria of Worksafe Australia

Inhaled: May irritate respiratory system if sufficient dust is inhaled. May aggravate an existing lung condition. **Long Term** – Repeated inhalation of cement dust created by mixing or cutting hardened product may cause bronchitis, silicosis or lung cancer.

4. FIRST AID MEASURES

Swallowed: Do not induce vomiting. Rinse mouth out with water or milk. Do not give carbonated (fizzy) drinks. After rinsing out mouth, give copious amounts of sugared water or milk to drink. Seek medical advice.

Eye: Irrigate eyes immediately and repeatedly for at least 10 minutes with clean water and seek medical attention.

Skin: Wash with soap and tepid water. Shower if necessary for 15 minutes.

Inhaled: Move to fresh air. Seek medical attention if effects persist.

Advice to Doctor

Respiratory disorders and diseases, dermatitis or other skin disorders may be aggravated by exposure.

5. FIRE-FIGHTING MEASURES

Fire Fighting Precautions: Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise skin exposure.

Extinguishing Media: Use appropriate fire extinguisher for surrounding environment.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spills: Recover spilled material by shovelling or sweeping into containers or using mechanical sweepers, avoid generating dust if dust occurs use personal protective equipment. Prevent dry material coming into contact with water. Product is designed to set quickly with contact with water. If contamination of drains or watercourses has occurred, advise the relevant state Environmental Protection Agency and local authorities. Otherwise blockage of waterways may occur.

Disposal: May be disposed of as inert landfill in accordance with local authority regulations.

7. HANDLING AND STORAGE

Storage Precautions: No special storage requirements.

Transport: Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

Handling: Prevent all contact with skin. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



Material Safety Data Sheet

Easy Mix Rapid Set Concrete

Page 3 of 5

Issue Date: January 2012

Hazardous According to Criteria of Worksafe Australia

Exposure Limits:

High Alumina cement	10mg/m ³ TWA	Worksafe
Crystalline Silica	0.1mg/m ³ TWA	Worksafe
Total inspirable dust	10mg/m ³ TWA	Worksafe
Portland Cement	10mg/m ³ TWA	Worksafe

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 mix with aggregate
Boiling Point:	Not relevant
Vapour Pressure:	Not relevant
Bulk Density:	~1300 kg/m ³
Flash Point:	Not relevant
Flammability Limits:	Not relevant
Solubility in Water:	Negligible

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

None allocated.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

None allocated.

CONDITIONS TO AVOID:

None allocated.



Material Safety Data Sheet

Easy Mix Rapid Set Concrete

Page 4 of 5

Issue Date: January 2012

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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. Suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: None allocated
Proper Shipping Name: Easy Mix Rapid Set
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated

15. REGULATORY INFORMATION

Poison Schedule:

This material is not poisonous.

Risk Statement:

R38 Irritating to skin.

Safety Statement:

R41 Risk of serious damage to eyes.

S2 Keep out of reach of children.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact

a

Doctor or Poisons Information Centre.

S62 if swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

S24/25 Avoid contact with skin and eyes.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Hazard Category:

Irritant

16. OTHER INFORMATION

PRINCIPAL REFERENCES:

Material Safety Data Sheet – River Sands Pty Ltd

Issue date: January 2012

Issued by: Damien Wirth – Quality Manager

Supersedes: All previous Material Safety Data Sheets Issued



Material Safety Data Sheet

Easy Mix Rapid Set Concrete

Page 5 of 5

Issue Date: January 2012

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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:

Revision of MSDS

16. OTHER INFORMATION

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 a product 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