

**FORMULATORS, MANUFACTURERS AND CONSULTANTS OF
SPECIAL CONCRETE PRODUCTS**

Newton's Farm Estate, Wissington, Nayland, Suffolk.CO6 4LX, England
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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION/COMPANY

PRODUCT: ROCKBOND CEMENTITIOUS CONCRETE PRODUCTS

COMPANY: Rockbond SCP Ltd.,
Newton's Farm Estate, Telephone: 01206 265116,
Wissington, Nayland, Website: www.rockbond.co.uk
Suffolk, CO6 4LX, England.

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Blends of special cement powders, sands, aggregates and fibres.

3. HAZARDS IDENTIFICATION.

Irritant. Contains Portland cement. Powders produce alkaline solutions. Avoid contact with the skin and eyes. TREAT THE CONCRETES AS YOU WOULD FOR PORTLAND CEMENT CONCRETE.

Beware Rockbond Floor Screed Steel Reinforced (RB FSSR) and the Abrasion Resistant Screed Steel Reinforced (RB ARS SR) contain sharp steel fibre ends which may puncture the skin and eyes.

4. FIRST AID MEASURES.

Inhalation: If irritation occurs, move the patient to fresh air. In cases of inflammation, seek medical advice.

Skin: If skin contact occurs, immediately wash the affected area with soap and water. If irritation, soreness or other skin problems occur, seek medical advice.

Eyes: In the event of eye contact, irrigate the eyes quickly and thoroughly with plenty of clean water. In severe cases seek medical advice without delay.

Ingestion: If swallowed, do not induce vomiting, but wash out the mouth, and give the patient 2 or 3 glasses of water to drink. If large amounts have been swallowed, or symptoms develop, seek medical advice.

5. FIRE FIGHTING MEASURES.

Not applicable. Powders are non flammable.

6. ACCIDENTAL RELEASE MEASURES.

Treat as a common mess. Sweep up and clear up the powder with a broom, dustpan and brush, and dispose of sensibly. Wear protective clothing. The use of water is not recommended

7. HANDLING AND STORAGE.

Wear protective clothing. Store in a cool, dry, dark place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Exposure Limits: Total inhalable dust - 10mg/m³ 8 hour time weighted average.
Respirable dust - 5mg/m³ 8 hour time weighted average.

Engineering Methods: Dust can cause irritation. Use in well ventilated areas, or install dust extraction systems to carry dust away from operatives.

Personal Protection: Avoid ingestion by taking sensible precautions: where airborne dust is present, wear a dust mask. Goggles **MUST** be worn whenever there is a risk of the cement powder, sharp steel fibres, or water/cement mixes, entering the eyes. Protective clothing **MUST** be worn, particularly gloves, that are effective at keeping out sharp steel fibres, cement dust and water. Whenever airborne cement powder is present, dust masks **MUST** be worn, particularly if the exposure is prolonged.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form:	Powder (max particle size, 5mm)	Flash point:	Not applicable
Colour:	Light to dark grey	Flammability:	Not applicable
Odour:	Slight	Explosive properties:	Not applicable
pH wet powders	13 to 14	Oxidising properties:	None
Boiling point:	Not applicable	Vapour pressure:	Not applicable
Melting point:	Not applicable	Bulk density:	540 to 3200kg/m ³
		Solubility in water:	Mostly insoluble

10. STABILITY AND REACTIVITY.

Stability:	Stable.
Materials and conditions to avoid:	Reacts with strong acids.
Hazard decomposition products:	None known.

11. TOXICOLOGICAL INFORMATION.

Inhalation: Can cause irritation of mucous membranes and respiratory tract.
Large particles can cause choking.

Skin: Contact with the skin may cause irritation and, in severe cases, alkali burns.

Eyes: Can cause irritation and inflammation to the eyes. In severe cases, there is a risk of permanent damage.

Ingestion: May cause irritation of the mouth, throat and gastrointestinal tract.

12. ECOLOGICAL INFORMATION.

Harmful to fish and aquatic organisms in high concentrations. Generally greater than 100mg of powder per litre of water in closed environments where there is long and continuous contact.

13. DISPOSAL CONSIDERATIONS:

Dispose of as a controlled waste, and to local authority regulations.

14. TRANSPORT INFORMATION.

Not classified as a hazardous material for transportation.

15. REGULATORY INFORMATION.

Classification: Irritant
Risk phases: Irritant to skin. Risk of serious damage to eyes.
Safety phases: **Wear suitable clothing to protect skin and eyes, particularly when using the Rockbond Floor Screed Steel Reinforced and the Abrasion Resistant Screed Steel Reinforced which contains sharp steel fibre ends which may puncture the skin and hurt the eyes. In case of powder contact with the eyes, rinse immediately with water and seek medical advice. Keep out of the reach of children.**

16. OTHER INFORMATION.

The safety data sheet applies to the following ROCKBOND CONCRETE PRODUCTS:

ROCKBOND SPRAYED CONCRETE (RB SC)
ROCKBOND REPAIR CONCRETE (RB RC)
ROCKBOND FLOOR SCREED (RB FS) AND FLOOR SCREED ACCELERATED (RB FSA)
ROCKBOND FLOOR SCREED STEEL REINFORCED (RB FS SR)
ROCKBOND SPEED SCREED (RB SS)
ROCKBOND FASTROCK CONCRETE (RB FRC) AND
ROCKBOND FASTROCK CONCRETE NON FLOW (RB FRC NF)
ROCKBOND QUICKBED CONCRETE (RB QBC)
ROCKBOND FASTROCK ACCELERATED CONCRETE (RB FRAC) AND
ROCKBOND FASTROCK ACCELERATED CONCRETE NON FLOW (RB FRACNF)
ROCKBOND FASTROCK SUPER ACCELERATED CONCRETE (RB FRASAC)
ROCKBOND UNDERWATER CONCRETE (RB UWC)
ROCKBOND UNDERWATER SCOUR PACK (RB UWSP)
ROCKBOND ABRASION RESISTANT SCREED STEEL REINFORCED (RB ARS SR)
ROCKBOND LIGHTWEIGHT (1100) SCREED (RB LW110S)

FURTHER INFORMATION:

Should you require further information on this product, or details of other ROCKBOND SPECIAL CONCRETE PRODUCTS, then please do contact our Technical Department:

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<https://rockbond.co.uk/rockbond-products-safety-data-sheets/>

IMPORTANT NOTE:

ROCKBOND SCP LTD provides the above information in good faith and without warranty. The data represents typical values which can be updated at any time, and this information supersedes previous issues. No liability can be accepted for any damage or loss arising from the use of ROCKBOND SCP LTD literature or its products, because the company has no continuous control on how the products are mixed, placed or cured.

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