

MATERIAL SAFETY DATA SHEET

IDENTIFICATION		
PRODUCT NAME ROCKBOND REPAIR MORTAR		
Other Names: Cement and graded sand based mortar.	Toxicity Information: Non-toxic	
Product Code: RB 1.01	Pack Size & Container Type: 25 kg Durable bag	
U.N. Number:	Uses: Premixed cement/sand products which are mixed with water for use in concrete repairs construction and civil engineering.	
Dangerous Goods Class: Not Applicable		
Hazchem Code:		
PHYSICAL DESCRIPTION/PROPERTIES		
Appearance: Light to dark grey powders to 1 mm particle size.	Flammability Limits: Not Applicable	
Boiling Point: Not Applicable	Solubility In Water: Mostly insoluble	
Melting Point: Not Applicable	Reactivity: Non-reactive	
Vapour Pressure: Not Applicable	Corrosiveness: Non-corrosive	
Specific Gravity: Loose bulk density 1400 to 1600 kg/m ³	Odour: Odourless	
Flash Point: Not Applicable	Other Properties:	
INGREDIENTS		
Chemical Information	CAS No.	Proportion
A blend of cementitious powder based on Portland cement mixed with silica sand, microsilica and small amounts of polymer powder.		
Portland cement	65997-15-1	Medium
Silaceous aggregate to 1mm	14808-60-7	Medium
Microsilica	69012-64-2	Low
proportions > 75% high 25%-75% medium 0-25% low		

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute:

Swallowed:

Small amounts of cement if swallowed are unlikely to cause harm. However larger doses may result in the irritation of the gastro – intestinal tract.

Eye:

The cement powder with water may cause irritation and inflammation.

Skin:

Cementitious powder wet or dry, may cause irritation, such as dermatitis and or alkali burns.

Inhaled:

Cement powder may cause inflammation of the mucus membranes.

Chronic:

High repeated exposure to the skin can cause dermatitis.

FIRST AID

Swallowed:

If swallowed, do not induce vomiting, but wash out the mouth, and give the patient plenty of water to drink.

Eye:

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

Skin:

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

Inhaled:

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

The National Poisons Information Centre

DUNEDIN (03) 474 7000 if Urgent (03) 479 1200 during work hours

PRECAUTIONS FOR USE

EXPOSURE STANDARDS (Dept of Labour Workplace Exposure Standards 1992)

Total inhalable dust – 10 mg/m³ 8 hour time weighted average. Respirable dust – 5 mg/m³ 8 hour time weighted average.

VENTILATION

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

PERSONAL PROTECTIVE MEASURES**Respiratory:**

Avoid ingestion by taking sensible precautions, where airborne dust is present wear a dust mask.

Hand:

Gloves MUST be worn, that are effective at keeping out cement dust and water.

Eye:

Goggles MUST be worn, whenever there is a risk of cement powder or water/cement mixes, entering the eyes.

Clothing:

Protective clothing MUST be worn, that is effective at keeping out cement dust and water.

Hygiene Methods:

Whenever airborne cement powder is present, dust masks MUST be worn, particularly if the exposure is prolonged.

Flammability:

Not Applicable

SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT:**

No special requirements necessary, but keep dry.

SPILLS AND DISPOSAL:

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

FIRE/EXPLOSION HAZARD:

Not Applicable

SUITABLE EXTINGUISHERS:

Not Applicable

HAZARDOUS COMBUSTION:

Not Applicable

SPECIAL EQUIPMENT FOR FIRE FIGHTING:

Not Applicable

OTHER INFORMATION:

MSDS's on other Rockbond products are available from Rockbond SCP.

CONTACT POINT:

In emergency, or after hours contact a Doctor or the National Poisons Centre.

IMPORTANT NOTE: Rockbond SCP MSDS was prepared as laid out in the booklet "Guidelines for the Preparation of Material Safety Data Sheets" issued by O.S.H and Dept of Labour, 1995.

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

Approved: Manager.....



.....OCT 2012