

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product: Ronascreed 4 Day Overlay
Company: Ronacrete (Far East) Ltd., 16/F, No. 3 Lockhart Rd,
Wanchai, Hong Kong SAR
Tel/Fax: +852 2865 5872 / +852 2865 5568

2. COMPOSITION

The principle constituents are
Calcium Sulfoaluminate 12004-14-7
Calcium Aluminate 65997-16-2
Calcium Sulphate 7778-18-9
Polyglycol based polymer

3. HAZARDS IDENTIFICATION

When Ronascreed 4 Day Overlay is mixed with water or becomes damp a strong alkaline solution is produced. If this comes into contact with the eyes or skin it may cause serious burns or ulceration. The eyes are particularly vulnerable and damage will increase with contact time. Strong alkaline solutions in contact with the skin tend to damage the nerve endings first before damaging the skin therefore chemical burns can develop without pain being felt at the time.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Wash out mouth with water and give patient plenty of water to drink.
Skin Contact: Wash the affected area thoroughly with soap and water before continuing. If irritation pain or other skin trouble occurs. Seek medical advice. Contaminated clothing should be removed and washed thoroughly before use.
Eye Contact: Wash eyes immediately with plenty of clean water for at least 15 minutes and seek medical advice without delay.
Inhalation: If irritation occurs move to fresh air. If nose or airways become Inflamed seek medical advice.

5. FIRE FIGHTING MEASURES

Ronascreed 4 Day Overlay is not flammable and will not facilitate combustion with other materials.

6. ACCIDENTAL RELEASE MEASURES

Cleaning up
Remove the spillage in a dry state if possible. Minimise generation of airborne dust. The product can be slurried by the addition of water. Keep children away from clean up operation.

7. HANDLING AND STORAGE

Storage: Bags should be stacked in a safe and stable manner.
Handling: When handling bags due regard should be paid to the risks outlined in the Manual Operations Regulation 1992. Some bags may have small amounts of the product on the outer surface. Appropriate personal protective clothing should therefore be used whilst handling.

MATERIAL SAFETY DATA SHEET

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standard (OES)
OES % hr Time Weighted Average (TWA)
10mg/m³ total inhalable dust
5mg/m³ respirable dust

Engineering Measures
Where reasonable practicable, dust exposures should be controlled by engineering methods.

Personal Protective Equipment

Respirable Protection
Suitable respiratory protection should be worn to ensure that personal exposure is less than the OES.

Hand and Skin Protection

Protective clothing should be worn which ensures the product or any product/water mixture does not come into contact with the skin. In some circumstances waterproof gloves, waterproof trousers and wellingtons may be necessary. Particular care should be taken to ensure that wet concrete or mortar does not enter the boots and persons do not kneel on wet concrete or mortar so as to facilitate contact with unprotected skin. Should wet concrete or mortar gets inside boots, gloves or other protective clothing then this protective clothing should immediately be removed and the skin thoroughly washed as well as the protective clothing/footwear.

Eye Protection

Dustproof goggles should be worn wherever there is a risk of the product or any product/water mixture entering the eye.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data	
Physical state	Solid
Form	Fine powder
Odour	Not applicable (N/A)
Ph	11.5-12.5
Density	2800-2900kg/m ³

10. STABILITY AND REACTIVITY

Conditions contributing to chemical instability :	None
Hazardous decomposition products :	None
Special precautions :	None

11. TOXICOLOGICAL INFORMATION

This material has no known toxic or carcinogenic effects.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Rating

LC50 aquatic toxicity rating not determined. The addition of the product to water will however cause the pH to rise and may therefore be toxic to aquatic life in some circumstances.

Biological Oxygen Demand (BOD)
Not applicable.

MATERIAL SAFETY DATA SHEET

13. DISPOSAL CONSIDERATIONS

Dispose of empty bags or surplus product to a place authorised to accept builders waste.
Keep out of the reach of children.

14. TRANSPORT INFORMATION

Classification for conveyance – not required.

15. REGULATORY INFORMATION

Chemicals (Hazard Information and Packaging) Regulations 1993
Classification – Irritant.

Risk/Safety Phrases

Risk Phrases

Contact with wet product, wet concrete or wet mortar may cause irritation, dermatitis or burns. Contact between product and body fluids (eg sweat and eye fluids) may also cause irritation, dermatitis or burns.

There is a risk of serious damage to eyes.

Safety Phrases

Wear suitable protective clothing gloves and eye/face protection.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

After contact with skin, wash immediately with plenty of clean water.

Keep out of reach of children.

16. OTHER INFORMATION

This Material Safety Data Sheet conforms to EC Directives 91/155/EEC and 93/112/EC. The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use.
