



## SAFETY DATA SHEET

### GAR-ROCK

According to Regulation (EC) No 1907/2006

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

|                     |   |
|---------------------|---|
| PRODUCT NAME        | GAR-ROCK  |
| PRODUCT NO.         | 1650  |
| APPLICATION         | Concrete packing material.  |
| SUPPLIER            | Garland Company UK Ltd,<br>Unit 5, Glevum Works,<br>Upton Street,<br>Gloucester GL1 4LA<br>UK<br>Tel: 01452 330 646<br>Fax: 01452 330 657<br>email: info@garlandukltd.co.uk |
| EMERGENCY TELEPHONE | 01452 330646<br>09:00 - 17:00 Monday to Friday  |

#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

##### HUMAN HEALTH

Dust may irritate the eyes and the respiratory system.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name               | EC No.    | CAS-No.    | Content | Classification |
|--------------------|-----------|------------|---------|----------------|
| ALUMINIUM OXIDE    | 215-691-6 | 1344-28-1  | 5-10%   | -              |
| CRYSTALLINE QUARTZ | 238-878-4 | 14808-60-7 | 60-100% | -              |
| IRON OXIDE         | 215-168-2 | 1309-37-1  | 5-10%   | -              |
| MAGNESIUM OXIDE    | 215-171-9 | 1309-48-4  | 10-30%  | -              |
| SILICA AMORPHOUS   | 231-545-4 | 7631-86-9  | 5-10%   | -              |

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### INHALATION

May cause irritation to the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### INGESTION

May cause discomfort if swallowed. Rinse mouth thoroughly. Do not induce vomiting. Get medical attention if any discomfort continues.

##### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

##### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

#### 5 FIRE-FIGHTING MEASURES

## GAR-ROCK

## EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

## PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

## PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

## SPILL CLEAN UP METHODS

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid generation and spreading of dust. Collect in containers and seal securely.

## 7 HANDLING AND STORAGE

## USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Provide good ventilation. Avoid inhalation of dust and contact with skin and eyes. Wash hands after handling.

## STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name               | Std | TWA - 8 hrs |                        | STEL - 15 min |          | Notes |
|--------------------|-----|-------------|------------------------|---------------|----------|-------|
|                    |     |             |                        |               |          |       |
| ALUMINIUM OXIDE    | WEL |             | 4 mg/m3<br>resp.dust   |               |          |       |
| CRYSTALLINE QUARTZ | WEL |             | 0,1 mg/m3              |               |          |       |
| IRON OXIDE         | WEL |             | 5 mg/m3                |               | 10 mg/m3 | as Fe |
| MAGNESIUM OXIDE    | WEL |             | 4 mg/m3<br>resp.dust   |               |          |       |
| SILICA AMORPHOUS   | WEL |             | 2.4 mg/m3<br>resp.dust |               |          |       |

WEL = Workplace Exposure Limit.

## PROTECTIVE EQUIPMENT



## ENGINEERING MEASURES

Provide adequate ventilation.

## HAND PROTECTION

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

## EYE PROTECTION

Use tight fitting goggles if dust is generated.

## HYGIENE MEASURES

Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. Wash hands after handling. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

## APPEARANCE

Powder.

## COLOUR

Off white.

## ODOUR

Odourless

RELATIVE DENSITY 1.55 - 1.71

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions and recommended use.

## MATERIALS TO AVOID

Strong oxidising substances. Acids.

**11 TOXICOLOGICAL INFORMATION**

## INHALATION

May cause irritation to the respiratory system.

## INGESTION

May cause discomfort if swallowed.

## SKIN CONTACT

Prolonged contact may cause redness and irritation. Risk of sensitisation or allergic reactions among sensitive individuals.

## EYE CONTACT

Particles in the eyes may cause irritation and smarting.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

The product is not expected to be hazardous to the environment.

**13 DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

**14 TRANSPORT INFORMATION**

## GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15 REGULATORY INFORMATION**

## RISK PHRASES

NC Not classified.

## SAFETY PHRASES

P13 Safety data sheet available for professional user on request.

## EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

REVISION DATE 08-2008

RISK PHRASES IN FULL

NC Not classified.