

## SECTION 1 Identification of the article and of the company/undertaking

## 1.1 Product identifier

Trade name: Multipurpose

Identification of the product: Fibre reinforced cement

Type of product: Article

## 1.2 Relevant identified uses of the substance, mixture or article and uses advised against

Use: **Internal and external walling, Flooring and ceilings, Facia's and soffit liner,**  
OEM applications for improved strength and density, Tile backer board,  
External cladding

## 1.3 Details of the supplier of the safety data sheet

**Supplier** Unit 25-26 Rosevale Road  
Parkhouse Industrial Estate West  
Newcastle under Lyme  
Staffordshire  
ST5 7EF  
United Kingdom

0800 612 4662

[info@rcmltd.biz](mailto:info@rcmltd.biz)

## 1.4 Emergency telephone number

0800 612 4662

## SECTION 2 Hazards identification

## 2.1 Classification of the substance or mixture

**Classification EC 67/548 or EC 1999/45:** This product is not classified as hazardous.

**Hazard class and category code regulation EC 1272/2008 (CLP):** This product is not classified as hazardous.

## 2.2 Label elements

**Labelling regulation (EC) 67/548 or EC 1999/45:** No Labelling Required.

**Labelling regulation (EC) 1272/2008 (CLP):** No Labelling Required.

## 2.3 Other hazards

The fibre cement products in their intact state do not present a hazard. However, one should be aware of the ill-effect and danger from prolonged exposure to the air-borne dust generated through cutting, drilling, routing, sawing and crushing of the fibre cement products.

## Acute Effects

Skin contact: The dust from this product may cause irritation of the skin from friction but is not absorbed through the skin.

Eye contact: The dust from this product may irritate the eyes causing watering and redness.

Ingestion: Unlikely under normal conditions of use, but ingestion of the dust from this product may result in abdominal discomfort.

Inhaled: The dust from this product may cause irritation of nose, throat and lungs causing coughing and sneezing.

## Chronic Effects

Inhaled: Prolonged and continuous exposure (over a number of years) to significant, airborne, respirable dust levels containing crystalline silica may cause bronchitis, silicosis and lung cancer. Based on limited animal research, it is possible that repeated inhalation of cellulose fibre dust over time may lead to inflammation and scarring of the lung in humans.

## SECTION 3 Composition/information on ingredients

**Components:** This article is classified as not hazardous.  
This product is a manufactured article, not a substance nor a preparation.

Substance Name	CAS No	EC No	Contents by Weight %	Index Number (REGULATION (EC) No 1272/2008)	Classification (REGULATION (EC) No 1272/2008)	Classification (Other)
Ordinary Portland Cement	65997-15-1	-	20-40%	-	-	R36 R37 R38
Crystalline Silica (Quartz)	14808-60-7	-	20-50%	-	-	-
Cellulose	9004-34-6	-	<10%	-	-	-
Other non-hazardous ingredients such as pigment, fillers and surface coatings.	-	-	<10%	-	-	-

## SECTION 4 First aid measures

### 4.1 Description of first aid measures

**Inhalation:** Remove to fresh air.

**Skin contact:** Wash thoroughly with mild soap and water.

**Eye contact:** Flush with running water.

**Ingestion:** Not expected under normal condition of use. Drink plenty of water.

### 4.2 Most important symptoms and effects, both acute and delayed

Seek medical attention if symptoms persist.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## SECTION 5 Fire-fighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** In case of fire, extinguish with carbon dioxide, water, foam or dry chemical as for surrounding materials.

### 5.2 Special hazards arising from the substance or mixture

No data available.

### 5.3 Advice for fire-fighters

**Flammable class:** The fibre cement products will not burn or help in burning, thus no specific fire fighting measures are required.

**Protection against fire:** No data available.

## SECTION 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions:** No data available.

### 6.2 Environmental precautions

**Environmental precautions:** No data available.

### 6.3 Methods and material for containment and cleaning up

**Methods and material for containment:** No data available.

**Clean up methods:** No data available.

### 6.4 Reference to other sections

Not applicable.

## SECTION 7 Handling and storage

### 7.1 Precautions for safe handling

**Personal protection:** There are no specific requirements for handling and storage.

**Technical protective measures:** There are no specific requirements for handling and storage.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage:** There are no specific requirements for handling and storage.

### 7.3 Specific end use(s)

No data available.

## SECTION 8 Exposure controls/personal protection

### 8.1 Control parameters

**Occupational/workplace exposure limits:** Crystalline Silica (Quartz) 0.1mg/m<sup>3</sup> time-weighted average (TWA) as respirable dust  
Calcium Silicate (Synthetic) 10mg/m<sup>3</sup> time-weighted average (TWA) as inspirable dust  
Cellulose (Wood fibre) 10mg/m<sup>3</sup> time-weighted average (TWA) as inspirable dust

**Control parameters for airborne:** Avoid generating dust or keep exposure to dust as low as practicable. Work areas should be cleaned regularly by wet sweeping or vacuuming.

**Inhalable** No data available. mg/m<sup>3</sup>

**Respirable** No data available. mg/m<sup>3</sup>

### 8.2 Occupational exposure controls

#### 8.2.1 General protection controls

**Industrial hygiene:** Practices likely to generate dust should be carried out in adequately ventilated areas or in process enclosures with exhaust ventilation.

#### 8.2.2 Individual protection controls

**Respiratory protection:** Store in dry, covered and frost proof area. The products must be laid flat under cover on a smooth surface clear of the ground to avoid exposure to water or moisture.

**Skin protection:** Direct contact with dust and debris should be avoided by wearing long sleeved shirts or gloves.

**Eye protection:** Safety goggles/glasses should be worn.

**Ingestion:** No data available.

## SECTION 9 Physical and chemical properties

**Appearance:** Solid boards or planks, or coated with various colours.  
Flat or corrugated profile with standard sizes.

**Colour:** Greyish or pinkish

**Odour:** No data available.

**pH value:** No data available.

**Melting point/freezing point:** No data available.

**Initial boiling point and boiling range:** No data available.

**Flash point:** Not applicable.

**Evaporation rate:** Not applicable.

**Flammability:** Non flammable.

**Explosive limits** Upper

Lower

Not applicable.

Not applicable.

**Vapour pressure:** Not applicable.

**Vapour density:** Not applicable.

**Relative density:** 1380 kg/m<sup>3</sup>

**Solubility in water:** Not soluble in water.

**Auto-ignition temperature:** No data available

**Viscosity:** No data available

**Explosive properties:** No data available

**Oxidising properties:** No data available

9.2 Other information No data available

## SECTION 10 Stability and reactivity

### 10.1 Reactivity

**Stability and reactivity:** Fibre cement products are generally dimensionally stable and non-reactive, resistant to rot and water damage in their normal scope of applications.

### 10.2 Chemical stability

**Chemical stability:** No data available

### 10.3 Possibility of hazardous reactions

**Hazardous reactions:** No data available

**Hazardous properties:** No data available

### 10.4 Conditions to avoid

**Conditions to avoid:** No data available

### 10.5 Incompatible materials

**Materials to avoid:** No data available

### 10.6 Hazardous decomposition products

No data available

## SECTION 11 Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity:** Not applicable.

**Skin corrosion/irritation:** Not applicable.

**Serious eye damage/eye irritation:** Not applicable.

**Respiratory or skin sensitisation:** Not applicable.

**Germ cell mutagenicity:** Not applicable.

**Carcinogenicity:** Not applicable.

**Reproductive toxicity:** Not applicable.

**Specific target organ toxicity - single exposure:** Not applicable.

**Specific target organ toxicity - repeated exposure:** Not applicable.

**Aspiration hazard:** Not applicable.

### 11.2 Additional information

**On product:** Not applicable.

## SECTION 12 Ecological information

### 12.1 Toxicity

Not applicable.

### 12.2 Persistence and degradability

Not applicable.

### 12.3 Bioaccumulative potential

Not applicable.

### 12.4 Mobility in soil

Not applicable.

### 12.5 Results of PBT and vPvB assessment

Not applicable.

### 12.6 Other adverse effects

Not applicable.

## SECTION 13 Disposal considerations

13.1 **Waste treatment methods** Handle as construction waste

### 13.2 General

**Product:** No data available.

**Contaminated packaging:** No data available.

## SECTION 14 Transport information

### 14.1 UN number

**ADR/RID:** Not applicable.

**IMDG:** Not applicable.

**IATA:** Not applicable.

### 14.2 UN proper shipping name

**ADR/RID:** Not applicable.

**IMDG:** Not applicable.

**IATA:** Not applicable.

### 14.3 Transport hazard class(es)

**ADR/RID:** Not applicable.

**IMDG:** Not applicable.

**IATA:** Not applicable.

### 14.4 Packaging group

**ADR/RID:** Not applicable.

**IMDG:** Not applicable.

**IATA:** Not applicable.

### 14.5 Environmental hazards

**ADR/RID:** Not applicable.

**IMDG Marine pollutant:** Not applicable.

**IATA:** Not applicable.

### 14.6 Special precautions for user

**Overland transport:** Not applicable.

**Air transport:** Not applicable.

**Inland waterway transport:** Not applicable.

**Rail transport:** Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable.

## SECTION 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1	EU-Regulations	Contains no substance on the REACH candidate list
15.1.2	National regulations	Not applicable.
15.2	Chemical safety assessment	Not applicable.

## SECTION 16 Other information

### Further Information

The fibre cement products contain crystalline silica which is classified as hazardous substance according to the criteria of Malaysia Occupational safety and Health Act 1994 Occupational Safety and Health (Use and Standards of Exposure of Chemical Hazardous to Health) Regulations 2000.

Breathing in fine silica dust when working with products is hazardous and may cause bronchitis, silicosis or cancer.

The fibre cement products do not contain Polybrominated biphenyls (PBBS), polybrominated diphenyl ethers (PBDEs) and short-chain chlorinated paraffins (C=10-13, SCCP).

**MINIMISE DUST GENERATION AND DO NOT BREATHE DUST!**

Operators must wear an approved particulate dust mask when power tools used.

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