

FIRE CEMENT (FC)

1. Product identification of substance/ material

White powdery cement pack in 20kg paper bag.

2. Composition

CAS No.

Gypsum plaster	-
Perlite aggregates	-

3. Hazard identification

Low toxicity. Under normal conditions of use adverse health effects are not anticipated.

4. First aid measures

Eye contact: Flush gently with running water for at least 20 minutes. Seek medical attention if irritation develops.

Skin contact: Removed contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.

Inhalation: If over exposure occurs leave exposure area immediately. If other than minor symptoms are displayed seek immediate medical attention.

Ingestion: If poisoning occurs, seek immediate medical attention. Do not induce vomiting.

Information: Show this document (MSDS) to the doctor or the casualty department.

5. Fire fighting measures

Fire and explosion: The product is non-flammable. Evacuate area and contact emergency services. Toxic gases may be evolved when heated. Remain upwind and notify those downwind of hazard.

6. Accidental release measures

Spillage: Clean up and reuse where possible. No special precautions are required.

7. Handling and storage

Storage: Keep in cool, dry, well ventilated area. Removed from oxidising agents, acids and food. Label packages adequately and protect from physical damage. Sealed when not in use.

8. Exposure controls/ personal protection

Eyes: Safety glasses suitable for protection of dust.

Skin: It is good practice to avoid skin contact; wear protective gloves; normal protective working overalls are adequate.

Inhalation: If engineering controls and work practice are not effective in controlling dust emissions then wear suitable, approved personal protective equipment; a mask with dust filter type P2 (for fine dust) may be appropriate. Filters have an expiry date and may need replacement. Read the suppliers' information.

Workplace layout: No specific requirements. The work area should be well ventilated if dust is generated during work.

9. Disposal considerations

Waste disposal: Handle as construction industry waste and dispose in accordance with local legislation.

10. Transport information

Product is not classified as dangerous. No special requirements.

11. Physical and chemical properties

Appearance: Free flowing dry mix of coarse and fine particles.

pH: N/A

Melting point (°C): N/A

Boiling point (°C): N/A

Flash point (°C): N/A

Flammability: N/A

Auto ignition: N/A

Explosive limits: N/A

Colour: White

Water solubility: Insoluble

Fat solubility: N/A

Odour: Odourless

Additional information: N/A

N/A = Not applicable

12. Stability and reactivity

Stable and inert.

13. Toxicological information

Routes of exposure: Lungs, gastro-intestinal tract, and eyes.

Short term effects:

Eyes: Irritant. Direct contact may result in lacrimation, pain, redness and conjunctivitis.

Skin: Irritant. Prolonged and repeated contact with skin may result in mild irritation.

Inhalation: Irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

Ingestion: Low toxicity. Large doses ingestion may cause obstruction in the stomach. Symptoms may include stomach pain and distress.

Long term effects: Prolonged inhalation of high concentrations of the dust may cause respiratory conditions.

14. Ecological information

The main component/s of this product occurs naturally in the earth crust. It is not anticipated to cause any adverse effects to plants or animals.

15. Regulatory information

OCCUPATIONAL EXPOSURE STANDARD (OES)/ MAXIMUM EXPOSURE LIMITS (MEL)

Mica: OES 10mg/m³ total dust, 1mg/m³ respirable dust, 8 hour time weighted averages.

Cellulose: OES 10mg/m³ total dust, 5mg/m³ respirable dust, 8 hour time weighted averages.

General dust: OES 10mg/m³ total dust, 5mg/m³ respirable dust, 8 hour time weighted averages.

16. Other information

Fields of application: Board for use in the construction industry.

Restriction of application: None anticipated.

Requirements concerning special training: No special training necessary. The worker shall be fully instructed in the conduct of the job and be informed of the contents of this document (MSDS). The requirements of the COSHH Regulations should be met.

Residual Components: Quartz is used in the manufacture and a small proportion may remain in the board. The amount is such that exposure to mixed dust from the board at the OES of 5mg/m³ is not likely to lead to an exposure to quartz in excess of the MEL which for quartz is 0.3mg/m³ of respirable dust (8 hour time weighted average).

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith. However, no warranty or representation with respect to such information is intended or given.