



A Division of Hoben International Limited

Material Safety Data Sheet

1. Identification of Material

Product: Sanders Firecrete Fire-Stopping Mortars

Manufacturer: Sandersfire International
Brassington
Nr. Matlock
Derbyshire
DE4 4HF
England

Tel. 01629 541066

Fax. 01629 540605

2. Composition

Dry Blended mixture of Gypsum Plasters - Calcium Sulphate Hemihydrate CAS Number 10034-76-1. Together with traces of modifying additives and pigments (below 1%) and the following aggregates.

Product	Aggregate	Concentration (by Wt)	CAS Number
Firecrete Standard	Perlite	Below 10%	93763-70-3
Firecrete HS	Limestone	Over 40%	471-31-1
Firecrete HD	Barytes	Over 75%	7727-43-7

Gypsum based plasters are not classified hazardous under CHIP 2 Regulations 1994 (see Section 15).

3. Hazards Identification

Powders may irritate eyes or sensitive skin.
Dust may irritate respiratory system.

4. **First-Aid Measures**

Inhalation: Remove person to fresh air.

Skin Contact: Wash skin thoroughly with water and soap.

Eye Contact: Wash eye with clean water for 10 minutes and seek medical advice if irritation persists.

Ingestion: Wash mouth out and drink plenty of water.

Please note: Should any symptoms persist obtain medical assistance.

5. **Fire-Fighting Measures**

Firecrete mortar is non-combustible and inhibits the spread of flame. Paper packaging is combustible, extinguish with water etc.

6. **Accidental Release Measures**

Control and suppress dust formation, avoid dry sweeping. Use water spraying and/or vacuum systems.

Prevent Firecrete mortar contaminating drains and water courses as a powder or a slurry. Refer to Section 8 - Exposure/Protection and Section 13 - Disposal Considerations.

7. **Handling and Storage**

Minimise and control dust when opening bags or mixing products.

Avoid prolonged or repeated contact with Firecrete mortar on the skin or eye contact.

Wear protective clothing when mixing, or working with powdered or wet mortar mix.

If handled manually use the correct "Materials Handling Techniques".

Protect from dampness and humidity in storage.

8. **Exposure Controls / Personal Protection**

Occupational Exposure Limits

Substance:	Gypsum/plaster
Total Inhalable:	10mg/m ³ 8hr TWA OES
Total Respirable:	5mg/ m ³ 8hr TWA

Substance:	Quartz (Silica)
Total Inhalable:	0.4mg/m ³ 8hr TWA MEL

Refer to current edition of HSE EH40 Occupational Exposure Limits.

Personal Protection

Respiratory:	Control dust formation and ventilate the work area If dust cannot be controlled wear a half facemask to EN149 Class FFP1.
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Skin:	To avoid prolonged or repeated wet contact wear impermeable gloves. To avoid skin contact wear protective overalls and footwear.
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To reduce the effect of skin contact apply a barrier cream to the hands.

Eye: If powder or slurry splashes are likely wear safety goggles to BS2092.

9. **Physical and Chemical Properties**

Physical State: Powder, white to off white, or grey
Odour : Odourless
pH: Neutral
Melting point/range: >1000°C
Flash Point: N/A
Ignition Temp: N/A
Decomposition Temp: Not Determined

10. **Stability and Reactivity**

Conditions to avoid : None.
Materials to avoid : None.
Hazardous Decomposition Products : None.

11. **Toxicological Information**

Inhalation: Dust may irritate respiratory system, no known long-term effects.
Skin Contact: Prolonged contact with powder or wet mix, may dry skin leading to irritation.
Eye Contact: Powder or wet mix may irritate by particulate in the short term.
Ingestion: Ingestion is unlikely to cause any significant reaction or long term effect, but should be avoided.

12. **Ecological Information**

Mobility: Very sparingly soluble in water, forms a suspension and solidifies within approximately 1 Hour.

13. **Disposal Considerations**

Dispose: At an authorised landfill site. In England, Northern Ireland and Wales dispose of to a separate cell for high sulphate waste. For other countries dispose of in accordance with local and national control regulations. Allow wet mixed plaster to go off before disposal. Do not wash mixed or dry plaster into drains or surface waters as this can cause water pollution.

14. **Transport Information**

Not classified as hazardous for transport.

15. **Regulatory Information**

Not classified as hazardous under CHIP 2 as amended by CHIP 96:- The Chemicals (Hazard Information and Packaging) Regulations 1994 as amended by the CHIP 96 (Amendment) Regulations 1996.

Occupational Exposure Limits EH40 (reviewed and reprinted annually)
The Control of Substances Hazardous to Health (COSHH) Regulations 1994.

This Safety Data Sheet is prepared in accordance with CHIP Regulations and Directive 91/155/EEC.

16. **Other Information**

Recommended uses:

Material for use only as a fire-stopping mortar.

This information reflects typical values and is not a product specification.

No warranty is hereby expressed or implied.

Such information given in this Product Health & Safety Information sheet is to the best of Sandersfire International's knowledge and belief accurate and reliable. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.