



THE FENDER BCS GROUP OF COMPANIES

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SUPA-MORTAR HB MATERIAL SAFETY DATA SHEET

1. Identification of the substance/preparation and of the company

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|-----|-------------------------------|---|
| 1.1 | Identification of the product | Supa-Mortar HB |
| 1.2 | Use of the product | Concrete Repair |
| 1.3 | Company identification | Fender Steel Ltd
20 Midland Road
Scunthorpe
N. Lincs
Tel: 01724 840609
Fax: 01724 281902 |

2. Composition/information on ingredients

Blend of Portland Cement, silica sand, fillers and additives.

3. Hazard identification

Supa-Mortar HB should be treated in the same way as Portland Cement which when mixed with water might cause alkali burns. Contains Chromium (VI). Might produce an allergic reaction.

4. First Aid Measures

Skin Contact: Wash with water followed by water and soap.
Eye Contact: Rinse immediately with water or an eye wash solution for at least 15 minutes.
Inhalation: Treat symptomatically.
Ingestion: Give water or milk to drink, do not induce vomiting. Treat symptomatically.

5. Fire fighting measures

Supa-Mortar HB is not flammable and will not facilitate combustion with other materials.

6. Accidental release measures

Personal precautions

See Section 8.

Methods for cleaning

Protect against dust. Sweep up and shovel into suitable and closable container, for disposal according to local regulations. Wash the area clean with water.

Our expertise is fitting all the pieces together

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7. Handling & storage

Handling

Due regard should be paid to the risks outlined in the Manual Handling Operations Regulations 1992. Some bags might have small amount of material on the outer surface. Appropriate personal protective clothing (see section 8) should therefore be used while handling.

Storage

Bags should be stacked in a safe and stable manner.

8. Exposure controls/Personal protection

Occupational Exposure limits: Based on 8 hour TWA Total inhalable dust - 10mg/m³
Respirable dust - 4mg/m³

Refer to H&S - EH40 for further guidance.

Personal Protective Equipment: Wear overalls, approved dust masks, eye protection and safety footwear.

9. Physical and chemical properties

Appearance: Fine grey granular powder

Odour: None

pH: >12

Boiling point: Not applicable

Melting point: Not applicable

Flash point: Not applicable

Flammability: None

Autoflammability: Not applicable

Explosive properties: Not applicable

Oxidising properties: Not applicable

Vapour pressure: Not applicable

Relative density: 1.35 - 1.45 loose dried

Solubility: Insoluble in water

10. Stability & reactivity

Stability: Stable

Conditions to avoid: Damp conditions during storage

Materials to avoid: Sugars, acids.

Hazardous decomposition products: None

11. Toxicological information

Short term effects: Portland cement can cause chemical burning and ulceration of eyes: contact with skin can cause irritant and allergic dermatitis especially mixtures with water. Ingestion of large doses might result in irritation of the gastro intestinal tract. Cement powder might cause inflammation of mucous membranes.

Long term effects: Prolonged and repeated exposure might cause irritant contact dermatitis and/or allergic (chromium) dermatitis. Allergic dermatitis more commonly arises through contact with cement/water mixtures than dry cement. High repeated exposures in excess of the OES have been linked with rhinitis and coughing.

12. Ecological information

Mobility: Not soluble in water. Dust might be spread by the wind.

Degradability: Immiscible with water and will react with water to produce inert and non biodegradable solids.

Bioaccumulation: No data.

Aquatic Toxicity: LC50 aquatic toxicity not known. The addition of cement to water will however cause pH to rise and might therefore be toxic to aquatic life in some circumstances.

13. Disposal considerations

Disposal of material should be in accordance with local regulations. Keep out of reach of children.

14. Transport information

Classification for conveyance: Not required.

15. Regulatory information

Labelling according to CHIP 1996: Classification - not classified
Hazard symbol - Irritant

Risk Phrases: R38 Irritating to skin
R41 Risk of serious damage to eyes
R43 May cause sensitisation by skin contact

15. Regulatory information (cont'd)

Safety Phrases: S22 Do not breathe dust
S24 Avoid contact with skin
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
EINECS Number: Not applicable

16. Other Information

CONIAC Health Hazard Information Sheet No. 26 (Cement)
Health & Safety at Work etc Act 1974
Control of Substances Hazardous to Health Regulations 1998
Portland Cement Dust: criteria document for an occupational exposure limit. June 1994 (ISBN 0-7176-0763-1)
HSE Guidance Note EH26 (Occupational Skin Diseases: Health & Safety Precautions), HMSO 1981
HSE Leaflet MS(B)9: Save your skin, advice to employers (1987)
HSE Guidance Note EH40 (Occupational Exposure Limits)
Any authorised manual on First Aid by St. John's/St Andrew's/Red Cross
Manual Handling Operations Regulations 1992