



THE FENDER BCS GROUP OF COMPANIES

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# SUPA-FLOW HF

## MATERIAL SAFETY DATA SHEET

### SECTION I: PRODUCT IDENTIFICATION

Product Identification: SUPA-FLOW HF

### SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

SUPA-FLOW HF is cementitious based and generally comprise of variations in blends of ordinary and specialist cements, dried and graded fillers and fine aggregates and chemical modifiers to achieve specific properties. Water is added to all products prior to use generating an alkaline condition which is potentially hazardous. Chemical modifiers are mainly masked by the cementitious ingredients and may comprise addition of silicates, aluminates and acrylic polymers.

### SECTION III: HAZARD IDENTIFICATION

Product packaging carries warning advice label and guidance. SUPA-FLOW HF should be treated in the same way as Portland Cement which when mixed with water may cause alkali burns. Contains Chromium (VI). May produce an allergic reaction.

### SECTION IV: FIRST AID MEASURES

Eyes: Irrigate immediately with copious amounts of water, seek medical attention.

Skin: Wash with soap and water. Remove contaminated clothing. Seek medical advice if skin disorder develops.

Inhalation: If excessive amount accidentally inhaled remove from exposure. Wear suitable face mask to limit inhalation.

Ingestion: Wash out mouth with water, do not induce vomiting.

### SECTION V: FIRE FIGHTING MEASURES

SUPA-FLOW HF is not flammable and will not facilitate combustion with other materials.

### SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective clothing, including full overalls, gloves, protective footwear and face masks.

Environmental Precautions: Do not allow disposal into drains or sewers. Spillages should be either vacuum collected or dampened before physical recovery avoiding dust generation.

### SECTION VII: HANDLING AND STORAGE

Handling: Avoid creating dust. Make provision to dispose of paper and polythene in accordance with Local Authority regulations.

Storage: Store in a dry area under cover. If shrinkwrapping is removed, cover with tarpaulin or polythene sheeting.

*Our expertise is fitting all the pieces together*

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## **SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Occupational Exposure Limits: Based on 8 hour TWA Total inhalable dust - 10mg/m<sup>3</sup>  
Respirable dust - 4mg/m<sup>3</sup>

Refer to H & S – EH40 for further guidance.

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

## **SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Fine granular powder Colour: Grey

Odour: None pH: >12

Bulk density: > 1350 – 1450kg/m<sup>3</sup> loose dried

## **SECTION X: STABILITY AND REACTIVITY**

Stability Stable

Conditions to avoid: Damp conditions during storage.

Materials to avoid: Sugars, acids

## **SECTION XI: TOXICOLOGICAL INFORMATION**

Health Effects On Eyes: Irritating and may burn eye tissue.

On Skin: May cause alkali burns to skin when product is wetted during normal application.

By Ingestion: In presence of saliva may cause alkali burns to lips and mouth.

Chronic: Prolonged direct contact to skin may cause severe alkali burns.

## **SECTION XII: ECOLOGICAL INFORMATION**

Environmental Assessment: Overall environmental impact is regarded as insignificant.

Mobility: Not soluble in water.

## **SECTION XIII: DISPOSAL CONSIDERATIONS**

Unused Product: Dispose via authorised waste contractor.

Use/Contaminated Product: Treat as if unused product.

Packaging Disposal: As advised and authorised by relevant local authority.

## **SECTION XIV: TRANSPORT INFORMATION**

Treat as non hazardous product. Products should be sheeted or supplied in covered vehicles.

## **SECTION XV: REGULATORY INFORMATION**

This product is NOT classified as dangerous in the UK. Safety Phrases: AVOID CONTACT WITH SKIN AND EYES.

## **SECTION XVI: OTHER INFORMATION**

The advice given herein only applies when the product is used for the stated application. It is the purchaser's responsibility to ensure that the data given in this sheet is brought to the attention of anyone in their employ who are to handle or use these products. This data sheet does not constitute or serve as a substitute for the user's own assessment of the risks of using these products in the workplace.