



suppliers of passive fire products, acoustic and specialist insulation  
manufacturers of the Safire Fire Stopping Range

## Material Safety Data Sheet

### SAFIRE COMPOUND

#### Section 1: Identification of the Substance/Preparation and of Company undertaking

##### 1.1 Identification of the substance or preparation:

**Product:** Safire Compound  
**Product Type:** Fire rated mortar system  
**Application:** Safire Compound can be used for sealing penetrations of all sizes however irregular the hole made where service cables, pipes and ducts etc. pass through compartment or separating walls or floors

##### 1.2 Company/undertaking identification:

Fireus Ltd, Unit 6, Thetis Road, Lune Industrial Estate, Lancaster, LA1 5QP,  
United Kingdom  
Telephone: 01524 388898 Fax: 01524 383724 [E-mail: info@fireus.co.uk](mailto:info@fireus.co.uk)

#### Section 2: Composition/Information on Ingredients

**Chemical Description:** Alpha, Gypsum, Premium Gypsum, Perlite, PFA, Hydrated Lime, Tartaric Acid  
**Hazardous Components:** None

#### Section 3: Harzards Identification

There are no known health hazards associated with this product

Safire Compound contains abrasive material and can be irritating to the eyes, throat, skin



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## **Section 4: First Aid-Measures**

|                      |                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact:</b>  | Irrigate immediately with clean water for 15 minutes and obtain medical attention if irritation persists                |
| <b>Skin Contact:</b> | Thoroughly wash affected parts with cold water<br>Do not rub affected areas                                             |
| <b>Inhalation:</b>   | Intake fresh air straight away<br>Seek medical attention if symptoms persist                                            |
| <b>Ingestion:</b>    | In the unlikely event, the individual should be monitored for several days to ensure intestinal blockage does not occur |

## **Section 5: Fire-Fighting Measures**

|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Extinguishing Media:</b>          | Not applicable          |
| <b>Protective Measures:</b>          | Not applicable          |
| <b>Fire &amp; Explosive Hazards:</b> | Fire resistant material |

## **Section 6: Accidental Release Measures**

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Land Spill:</b>  | Scoop up and dispose of in a suitable container as non-hazardous waste                                           |
| <b>Water Spill:</b> | The material will settle<br>It is non-hazardous in water                                                         |
| <b>Air Release:</b> | The material will settle out of the air and can be concentrated on land to be disposed of as non-hazardous waste |

## **Section 7: Handling and Storage**

### 7.1 Handling

|                            |                                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Precautions:</u></b> | Good working practices will minimise the generation of the exposure to dust<br>Employees should be advised to rinse the skin with ample cold water before the application of soap to prevent aggravation of the skin by fibres |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 7.2 Storage

|                            |                                |
|----------------------------|--------------------------------|
| <b><u>Precautions:</u></b> | Store materials in a dry place |
|----------------------------|--------------------------------|



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## **Section 8: Exposure Controls/Personal Protection**

### **8.1 Exposure Controls**

**Exposure Limit:** The UK Health & Safety Executive enforce a maximum exposure limit of 5mg/m<sup>3</sup> as measured by personal(breathing zone)monitoring  
Additionally the HSE enforces a limit of 2 fibre/ml of air as an occupational exposure standard

**Engineering Measures:**

Where particular dusty operations are unavoidable (eg.handling insulating material in a confined space) dust should be controlled primarily by engineering if practicable  
On some occasions respiratory protection may be the only reasonably practical precaution for the respiratory system

### **8.2 Personal Respiratory Protection:**

Protective equipment may be necessary in excessively dusty operations or when exposure is above or near the maximum exposure limit

**Skin,Eyes,Other:** Protective equipment for the skin should be supplied as standard  
Most operators are best suited to wear loose clothing to avoid tight constriction at the neck and wrists  
Safety glasses, goggles or a face shield may be required in some circumstances

## **Section 9: Physical and Chemical Properties**

**Appearance:** Off-white powder-like substance  
**Odour,Flash Point,**  
**Solubility:** Not applicable

## **Section 10: Stability and Reactivity**

**Stability:** Stable  
**Conditions to avoid:** None  
**Incompatibility:** No materials to avoid  
**Hazardous Decomposition Products:** None



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## **Section 11: Toxicological Information**

**Acute Effects:** Mild transient irritation to the eyes, no known specific hazard  
Prolonged or repeated contact may cause mild irritation, there is no absorption hazard  
Ingestion will provoke mild discomfort and inhalation and acute over-exposure to dust may irritate the respiratory tract mildly

**Chronic Effects:** None known

## **Section 12: Ecological Information**

Not expected to cause harm to animals, fish or plants

## **Section 13: Disposal Considerations**

**Waste products are not hazardous and their disposal should be in accordance with local regulations**

## **Section 14: Transport Information**

**No special precautions or restrictions involving transport or conveyance of Safire Batts are known to FireUs Ltd**

### **Proper Shipping**

**Name:** Safire Compound

## **Section 15: Regulatory Information**

**No hazardous symbol or risk phrase**

## **Section 16: Other Information**

**Guidance note EH 40 '89 from the Health & Safety Executive-Occupational Exposure Limits 1989**

Approved Code of Practice COP29: Control of Substances for use at Work etc. the provision of information



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Health & Safety at Work etc. Act 1974 as amended by the Consumer Protection Act  
1987

Control of Substances Hazardous to Health (COSHH) Regulations 1988  
CHIP 98

**The foregoing information is believed to be accurate at the time of preparation of  
this document, and is provided in good faith**

**However, no warranty or representation with respect to such information is  
intended or given**