



SAFIRE COMPOUND

REVISION 0
ISSUE DATE January 2014

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

Section 2: Hazards 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.

Section 3: Composition/Information on Ingredients

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

Section 4: First Aid-Measures

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

HEALTH & SAFETY DATA SHEET

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Section 5: Fire-Fighting Measures

Extinguishing Media: Not applicable
Protective Measures: Not applicable
Fire & Explosive Hazards: Fire resistant material

Section 6: Accidental Release Measures

Land Spill: Scoop up and dispose of in a suitable container as non-hazardous waste
Water Spill: The material will settle
It is non-hazardous in water
Air Release: 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

Precautions: Good working practices will minimise the generation of the exposure to dust.
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

Precautions: Store materials in a dry place

Section 8: Exposure Controls/Personal Protection

8.1 Exposure Controls

Exposure Limit: The UK Health & Safety Executive enforce a maximum exposure limit of 5mg/m³ 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

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 Compound are known to FireUs Ltd.

Proper Shipping Name: Safire Compound

Section 15: Regulatory Information

No hazardous symbol or risk phrase

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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

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

Control of Substances Hazardous to Health(COHH)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.

Fireus Limited
October 2014

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