

FireMortar-360™

Safety Datasheet

FIREMORTAR-360™

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1. SUBSTANCE IDENTIFICATION

Product Name	FireMortar-360™
Product Code	FM360
Use/Description	Synthetic mortar which, when mixed with water, produces a trowel able or pourable compound suitable for sealing holes in walls and floors, which prevents the passage of fire and smoke.

2. CLASSIFICATION OF SUBSTANCE OR MIXTURE

Contains	Controlled blend of accelerated calcium sulphate, calcium hydroxide, expanded perlite aggregate and limestone flour with organic additives.
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Name	Amount	CAS No	EINECS
Calcium Sulphate	>80%	10034-76-1	231-900-3
Limestone	<21%	471-31-1	215-279-6

Impurities: Contains <1% Organic Substances

3. HAZARD IDENTIFICATION

Main Hazards	Repairable dust inhaled over a prolonged period of time could constitute a health hazard. This product releases alkali in contact with water, which could be irritating to skin and eyes.
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4. FIRST AID MEASURES (SYMPTOMS)

Skin Contact	May cause irritation.
Eye Contact	May cause irritation.
Ingestion	May feel ill and tightness in the throat.
Inhalation	May cause irritation to the throat and nose.

5. FIRST AID MEASURES (ACTION)

Skin Contact	Wash thoroughly with plenty of soap and water.
Eye Contact	Bathe with water for 15 minutes, seek medical advice.
Ingestion	Remove to fresh air, give water to drink. Do not induce vomiting. Seek medical attention immediately.
Inhalation	Remove to fresh air, give water to drink. If symptoms persist seek medical advice.

6. FIRE FIGHTING MEASURES

Suitable Extinguishers	All standard fire-fighting media.
Protective Equipment	Addition of water will produce alkaline by-products, suitable protective clothing should be worn to prevent contact.

7. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Refer to Section 9 of this SDS for personal protection details.
Environmental Precautions	Do not discharge into drains or rivers. Dispose of in accordance with local authority requirements.
Clean-up Procedures	Vacuum system. Utilise water spraying to prevent airborne dust Avoid dry sweeping which creates dust. Dispose of in accordance with local/national authority requirements.

8. HANDLING & STORAGE

Handling Requirements	The product should be handled to minimize the creating of airborne dust particles. Protective glasses, dust masks, long trousers and protective sleeving should be worn. Barrier cream is recommended on naked skin surfaces. Wet clothing will yield alkaline residue. Assess manual handling requirements.
Storage Conditions	Store in a cool dry, well ventilated area off the ground and palletized.
Suitable Packaging	Store in original packaging, tightly sealed.

9. EXPOSURE CONTROL & PERSONAL PROTECTION

Exposure Control	LTEL: Inhalable dust 10mg.m ³ / Respirable 4mg.m ³ (8 hour TWA reference period).
Respiratory Control	Ensure adequate ventilation for airborne dust particles. Use of suitable dust mask is recommended.
Hand Protection	Protective gloves.
Eye Protection	Protective glasses.
Skin Protection	Full length trousers, long sleeved tee shirt and impervious boots.

10. PHYSICAL & CHEMICAL PROPERTIES

State	Free flowing powder.
Colour	Off white.
Odour	Alkaline
Solubility in Water	Fully miscible in water.
Relative Density	1.0 – 1.1
pH	Alkaline in water.

11. STABILITY & REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Water / moisture (not controlled).
Materials to Avoid	None known.
Haz. Decomp. Products	The addition of water produces alkali by-products.

12. TOXICOLOGICAL INFORMATION

Acute Toxicity	No evidence of acute toxicity.
Skin Corrosion / Irritation	Not classified.
Serious Eye Damage / Irritation	May cause mechanical irritation.
Respiratory	No evidence.
Germ Cell Mutagenicity	No evidence.
Carcinogenicity	No classification.
Reproduce Toxicity	No evidence.
Aspiration hazard	Based on available data, the classification criteria are not met.

13. ECOLOGICAL INFORMATION

Ecotoxicity Values	Not established.
Persistence and Degradability	Not established.
Bioaccumulative Potential	Not established.
Mobility	Not established.
PBT Identification	Not established.
Other Adverse Effects	No specific adverse effects known.

14. DISPOSAL CONSIDERATIONS

Disposal Operations	No special disposal necessary, avoid production of dust. Dispose of in accordance with local authority requirements. Do not discharge into drains or sewage systems.
Disposal of Packaging	Dispose of as normal industrial waste according to local or national legislation.

15. TRANSPORT HAZARDS

Transport Hazards	No regulations apply for the transport of this material. Not classified as hazardous road, rail, sea or air transport.
Hazard Symptoms	None. Respirable dust from any fine powder could, if inhaled over a prolonged period of time, constitute a health hazard.

16. ADDITIONAL INFORMATION

Disclaimer

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage transportation, disposal and release and is not considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

LIMITATION

BOSS Passive Fire Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Passive Fire's attention relating to the fire resistance or performance of the product described BOSS Passive Fire reserve the right to amend this report.

BOSS Passive Fire strive to constantly improve and develop products so this information may change without notice.

The information contained herein has been developed as a guide only and it does not constitute a guarantee of compliance of all applications. Each project and/or application may have specific requirements and you should investigate these carefully. Ensure that you have read and understood the appropriate certification relative to your needs, and ensure you seek acceptance from the Certifying Authority or compliance inspector before installation. For updates on the range of BOSS Fire® certification please contact BOSS Technical Services.

FURTHER INFORMATION

For additional technical information on the performance of FireMortar-360™, other BOSS Fire® products or any other BOSS Fire® related information please contact us on:

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