MATERIAL 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 trowelable or pourable compound suitable for sealing holes in walls and floors, which prevents the passage of fire and smoke.
Company Name	Boss Fire & Safety Unit 8 / 15-23 Kumulla Rd Caringbah NSW 2229 AUSTRALIA

2. COMPOSITION

Contains	Controlled blend of accelerated calcium sulphate, calcium hydroxide, expanded perlite aggregate and limestone flour with organic additives.
Hazardous Components	None

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 with plenty of 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 MSDS 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

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9. EXPOSURE CONTROL & PERSONAL PROTECTION

Exposure Control	LTEL: Inhalable dust 10mg.m3 / Respirable 4mg.m3 (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. 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

13. 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.

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14. 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 Fire & Safety Pty Ltd has provided the above information in good faith and to the best of its knowledge. Some of this information is based upon the MSDS and technical information provided by other parties or manufacturers. This information was correct at the time of publication, should any data come to BOSS Fire & Safety's attention relating to the safety or handling of the product described, BOSS Fire & Safety will amend this report.

FURTHER INFORMATION

To learn more about FireMortar-360, see the Technical Data Sheet available at www.bossfire.com.au.

Further information can be provided by contacting BOSS Fire & Safety on:

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