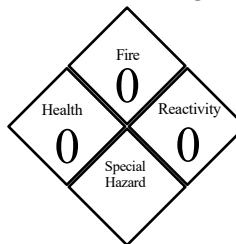




NFPA Rating



HMIS Rating

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

Material Safety Data Sheet
Bomanite Repair Mortar FA Fast Set

Revision Date: 080910

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Version: 1

File Name: *MSDS-Bomanite Repair Mortar FA Fast Set*

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION:

Company:
Bomanite LLC
34501 East Quincy Ave. Building 28
Watkins, CO 80137
303.369.1115

24-Hour Emergency Response Information
CHEMTREC: 800.424.9300

Chemical Family: Cement mortar
Synonyms: N/A

2. COMPOSITION/INFORMATION ON INGREDIENTS:

<u>CAS NO.</u>	<u>Chemical Name</u>	<u>%</u>
65997-15-1	Portland Cements	30-60
65997-16-2	Fused Calcium Aluminates	5-10
10101-41-4	Calcium Sulfate	1-5
1317-65-3	Calcium Carbonate	1-5
14808-60-7	Crystalline Silica	40-70

3. HAZARD IDENTIFICATION:

Emergency overview:

Local and mechanical exhaust.

Wear tight fitting goggles whenever material is being handled.

Cotton gloves are suitable when handling dry material. Wet material must be handled with impermeable gloves such as butyl or nitrile rubber.

NIOSH/MSHA approved respirator must be worn.

Long sleeve shirts and pants must be worn during application of the product. Soiled clothes should be washed before using again.

Potential health effects:

Primary Routes of Entry-

Solids and Liquids: Inhalation

Gases: Inhalation

Liquefied gases: Inhalation

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4. FIRST-AID MEASURES:

General advice:

Remove victim from area of contact.

If in eyes:

Wash eyes with water for 15 minutes while holding eyelids completely open. Consult a physician.

If on skin:

Wash exposed skin area with mild soap and water.

If inhaled:

Remove affected person from the area immediately. Provide oxygen if necessary. Consult a physician if symptoms persist.

If swallowed:

If ingested, immediately consult a physician. Give water. Induce vomiting.

Note to physician:

Aggravated medical conditions: Pre-existing dermatitis.

5. FIRE-FIGHTING MEASURES:

Flash point:

N/A

LEL:

N/A

UEL:

N/A

Suitable extinguishing media:

N/A

Hazards during fire-fighting:

Hazardous polymerization will not occur. Stable reactivity.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:

Store in a dry area away from excessive heat or cold. Wash hands thoroughly.

Environmental precautions:

Dispose of in accordance with Federal, State and Local regulations.

Cleanup:

Contain spilled area. Collect using dustless method such as vacuum. Where appropriate, wear protective equipment.

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7. HANDLING and STORAGE:

Handling:

General advice-

Protective gloves and goggles should be worn.
Protective clothing should be worn.
NIOSH/MSHA approved respirator must be worn.

Storage:

General advice-

Store in a dry area away from excessive heat or cold (55 °-80 °F).

8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

Advice on system design:

Provide local exhaust.

Personal protective equipment (HMIS rating 'H'):

Eye protection: Goggles. Irritation to the eye. Crystalline silica may cause abrasion of the cornea.

Skin protection: Cotton, butyl or nitrile gloves as required. Alkali burns; irritation and rash may cause abrasion of the cornea.

Respiratory protection: NIOSH/MSHA approved respirator. Irritation to throat and nose; coughing and sneezing.

General safety and hygiene measures: Wash hands after use and before eating, drinking or smoking.

Other protective measures: Eye washing station should be present in the vicinity of the mixing station.

Exposure Guidelines:

ACGIH TLV:

STEL:

OSHA PEL:

9. PHYSICAL and CHEMICAL PROPERTIES:

Form:	Powder
Odor:	None
Color:	Dark gray
pH value:	N/A
Solvent/Water content:	N/A
Total solids/Non-volatiles:	N/A
Total VOC:	<u>0</u> %
Solvents by weight:	N/A
Specific gravity:	N/A
Solidification temperature:	N/A
Freezing/Melting point:	N/A
Boiling point:	N/A
Vapor density:	N/A
Vapor pressure:	N/A
Evaporation Rate:	N/A
Solubility in water:	Partially Soluble

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10. STABILITY and REACTIVITY:

Conditions to avoid:

Moisture will disturb the products shelf life.

Substances to avoid:

Hazardous reactions:

Will not occur

Decomposition products:

None

Corrosion to metals:

11. TOXICOLOGY INFORMATION:

Acute Toxicity:

Oral:

Unspecified

Eye irritation:

Unspecified

Skin irritation:

Unspecified

Inhalation:

Harmful if inhaled

Sensitization:

Unspecified

Chronic Toxicity:

Other information:

Respirable crystalline silica can cause silicosis, which is progressive and may lead to disability and death. Exposure to crystalline silica may cause cancer, scleroderma (scarring of skin and internal organs), and nephrotoxicity (kidney disorders).

Silica is listed with IARC as a Class 2 carcinogen. Contains crystalline silica, which may cause lung damage and cancer. Risk depends upon duration and level of exposure.

12. ECOLOGICAL INFORMATION:

Biodegradation:

Test method:

Unspecified

Analysis method:

Unspecified

Degree of elimination:

Unspecified

Environmental toxicity:

Acute and prolonged toxicity to fish:

Unspecified

Toxicity to microorganisms:

Unspecified

Other ecotoxicological advice:

Unspecified

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File Name: *MSDS-Bomanite Repair Mortar FA Fast Set*

13. DISPOSAL CONSIDERATIONS:

Waste disposal of substance:

Dispose according to Federal, State and Local regulations.

Container disposal:

RCRA:

14. TRANSPORTATION INFORMATION:

Land transportation:

US DOT Shipping Class: Not regulated

Sea transportation:

IMDG: N/A

Air transportation:

IATA/ICAO: N/A

15. REGULATORY INFORMATION:

Federal Regulations:

Registration status:

OSHA hazard category:

SARA hazard category (EPCRA 311/312):

CAS Number:

65997-15-1

65997-16-2

10101-41-4

1317-65-3

14808-60-7

Chemical Name:

Portland Cements

Fused Calcium Aluminates

Calcium Sulfate

Calcium Carbonate

Crystalline Silica

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16. OTHER INFORMATION:

NFPA Rating:

Health: 0

Fire: 0

Reactivity: 0

Special Hazard: None

HMIS III Rating:

Health: 0

Flammability: 0

Physical Hazard: 0

Personal Protection: H

Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.

HMIS III personal protection ratings A-K are specified by HMIS, while ratings L-Z are specified by this manufacturer- please review section 8 for specific safety equipment recommended for use with this product.

Reason for Revision:

New Address

Reviewed:

DP/080910

Local Contact Information:

The Bomanite Company

303.369.1115 (5 a.m. to 5 p.m., M-F)

www.bomanite.com

24-Hour Emergency Response Information:

CHEMTREC: 800.424.9300

Notice: The following information is accurate to the best of our knowledge and is offered in good faith. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in specific context of the intended use and determine whether they are appropriate.

Warranty: This product is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller and manufacturer obligations under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product. If you have any questions, please contact The Bomanite Company.