

MATERIAL SAFETY DATA SHEET

PermaBoond Medium Bed 919

HMIS

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	E

1. Product And Company Identification

Supplier

C-CURE
13001 SEAL BEACH BLVD.
SEAL BEACH, CA 90740 USA

Company Contact: GEORGE MARCINA
Telephone Number: 562 968 2980 Ext 103
FAX Number: 562 903 2697
E-Mail: georgem@cbpmail.net
Web Site: WWW.C-CURE.COM

Manufacturer

C-CURE
13001 SEAL BEACH BLVD.
SEAL BEACH, CA 90740 USA

Company Contact: GEORGE MARCINA
Telephone Number: 562 968 2980 Ext 103
FAX Number: 562 903 2697
E-Mail: georgem@cbpmail.net
Web Site: WWW.C-CURE.COM

Supplier Emergency Contacts & Phone Number

GEORGE MARCINA: 562 968 2980 Ext 103

Manufacturer Emergency Contacts & Phone Number

GEORGE MARCINA: 562 968 2980 Ext 103

Issue Date: 03/15/2007

Product Name: PermaBoond Medium Bed 919
Chemical Name: Mortars
CAS Number: Not Established
Chemical Family: Mixture
Chemical Formula: Mixture
MSDS Number: 793
Product Code: A28, 4F6228

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
Lime S	1305-62-0	1 - 5
Calcium Carbonate	1317-65-3	1 - 10
Portland Cement	65997-15-1	35 - 45
SILICA, Quartz, Crystalline	14808-60-7	50 - 60

3. Hazards Identification

Primary Routes(s) Of Entry

Inhalation, Skin Contact, Eye Contact, Ingestion

Eye Hazards

Irritant, severe eye irritation. May cause eye injury. Effects may be delayed.

Skin Hazards

Contains Portland cement and exposure to dry Portland cement may cause drying of skin with consequent mild irritation.
Prolonged contact with wet Portland cement may cause severe, potentially irreversible damage to the skin in the form of chemical (caustic) burns.

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3. Hazards Identification - Continued

Ingestion Hazards

Ingestion is not known to be harmful, however the product contains Portland cement which is caustic to mucus tissue and should not be consumed.

Inhalation Hazards

Causes respiratory tract irritation. May cause nose, throat, and lung irritation. May cause delayed lung injury.

Chronic/Carcinogenicity Effects

Contains Silica sand, known Human Carcinogen (Category 1).

4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

Skin

In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion

DO NOT INDUCE VOMITING. If victim is fully conscious, give one or two cups of water or milk to drink. Get medical attention immediately.

Inhalation

If inhaled, remove to fresh air. Consult a physician immediately if irritation persists. Do not give an unconscious person anything to drink.

5. Fire Fighting Measures

Flash Point: N/A °F

Flash Point Method: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

6. Accidental Release Measures

Avoid generating dust. Sweep up and remove immediately. Use appropriate personal protective equipment (PPE). OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS REGARDING NOTIFICATIONS OF ACCIDENTAL RELEASES.

7. Handling And Storage

Handling And Storage Precautions

Use only with adequate ventilation.

Handling Precautions

Avoid creating dust. Avoid breathing dust. Avoid contact with skin and clothing. Avoid contact with eyes.

Storage Precautions

Keep dry until ready to use.

Work/Hygienic Practices

Use good personal hygiene.

Wash thoroughly with soap and water after handling.

8. Exposure Controls/Personal Protection

No Data Available...

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8. Exposure Controls/Personal Protection - Continued

Engineering Controls

Use with adequate ventilation.

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

If hands or feet will be exposed, wear impervious gloves and/or boots.

Respiratory Protection

In case of inadequate ventilation and when exposed to dust above the recommended limits, wear a suitable NIOSH-approved respirator.

Ingredient(s) - Exposure Limits

Lime S

ACGIH TLV-TWA 5 mg/m³

Calcium Carbonate

OSHA - PEL - TWA - 15mg/m³

NIOSH - REL 10 mg/m³

ACGIH- TLV - 10 mg/m³

OSHA - PEL - TWA - 5 mg/m³

Portland Cement

OSHA - PEL - 5mg/m³

OSHA - PEL - TWA - 50mppcf

ACGIH - TLV - 10mg/m³

SILICA, Quartz, Crystalline

ACGIH TLV-TWA 0.05 mg/m³

OSHA PEL-TWA 30/%SiO₂+2mg/m³

OSHA PEL - TWA 10/% SiO₂ +2 mg/m³

OSHA PEL-TWA 250/%SiO+5 mppcf

Cal EPA - OEHHA - REL - 3 micrograms/m³

9. Physical And Chemical Properties

Appearance

Free flowing white or gray powder.

Chemical Type: Mixture

Physical State: Solid

Boiling Point: N/A °F

Specific Gravity: 2.7

Vapor Density: N/A

Solubility: SLIGHT

Evaporation Rate: N/A

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR.

Conditions To Avoid (Stability)

Avoid unintentional contact with water.

Incompatible Materials

Contains Portland cement which, when wet, is highly alkali. As a result, it is incompatible with acids, ammonium salts, aluminum and other alkali and alkaline earth metals.

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11. Toxicological Information

Chronic/Carcinogenicity

Contains Silica sand, known Human Carcinogen (Category 1).

Ingredient(s) - Carcinogenicity

SILICA, Quartz, Crystalline

NTP - Listed On The National Toxicology Program

Listed In The IARC Monographs

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

RCRA Information

Not considered RCRA Hazardous Waste.

14. Transport Information

DOT Shipping Label

NOT REGULATED

15. Regulatory Information

SARA Hazard Classes

Chronic Health Hazard

SARA Section 313 Notification

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Ingredient(s) - U.S. Regulatory Information

SILICA, Quartz, Crystalline

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Chronic Health Hazard

State Regulations

Cal EPA - Toxic Hot Spots - OEHHA - REL - 3 micrograms /m3

Ingredient(s) - State Regulations

Lime S

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

Calcium Carbonate

Pennsylvania - Workplace Hazard

Portland Cement

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

SILICA, Quartz, Crystalline

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

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16. Other Information

HMIS Rating

Health: 1

Fire: 0

Reactivity: 0

Personal Protection: E

Revision/Preparer Information

MSDS Preparer: GEORGE MARCINA

MSDS Preparer Phone Number: (562) 968-2980 ext 103

This MSDS Supersedes A Previous MSDS Dated: 11/27/2006

Disclaimer

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