

# MATERIAL SAFETY DATA SHEET

## PermaBond 902

### 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: PermaBond 902  
CAS Number: Not Established  
Chemical Family: Mixture  
Chemical Formula: Mixture  
MSDS Number: 787  
Product Code: A3, 4F6203

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
CLAY	1332-58-7	1 - 5
Portland Cement	65997-15-1	40 - 50
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

CLAY

ACGIH TLV-TWA 2 mg/m<sup>3</sup>

OSHA PEL-TWA 15 mg/m<sup>3</sup>

OSHA PEL-TWA 5 mg/m<sup>3</sup>

Portland Cement

OSHA - PEL - 5mg/m<sup>3</sup>

OSHA - PEL - TWA - 50mppcf

ACGIH - TLV - 10mg/m<sup>3</sup>

SILICA, Quartz, Crystalline

ACGIH TLV-TWA 0.05 mg/m<sup>3</sup>

OSHA PEL-TWA 30/%SiO<sub>2</sub>+2mg/m<sup>3</sup>

OSHA PEL - TWA 10/% SiO<sub>2</sub> +2 mg/m<sup>3</sup>

OSHA PEL-TWA 250/%SiO+5 mppcf

Cal EPA - OEHHA - REL - 3 micrograms/m<sup>3</sup>

### 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.

### 11. Toxicological Information

No Data Available...

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### 11. Toxicological Information - Continued

#### 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

CLAY

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

### 16. Other Information

#### HMIS Rating

Health: 1

Fire: 0

Reactivity: 0

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### 16. Other Information - Continued

#### HMIS Rating - Continued

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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