

# MATERIAL SAFETY DATA SHEET

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## CRETE REPAIR #224

**HMLS**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>E</b>

**1. Product And Company Identification**

<p><u>Supplier</u>  <b>SUPERIOR INDUSTRIES, INC.</b>                  6180 AIRWAYS BLVD.                  CHATTANOOGA, TN 37421</p> <p><b>Company Contact: P MEYER</b>  <b>Telephone Number:</b> (423) 899-0467  <b>FAX Number:</b> (423) 899-0421  <b>Web Site:</b> www.superior-industries.com</p>	<p><u>Manufacturer</u>  <b>SUPERIOR INDUSTRIES, INC.</b>                  6180 AIRWAYS BLVD.                  CHATTANOOGA, TN 37421</p> <p><b>Company Contact: P MEYER</b>  <b>Telephone Number:</b> (423) 899-0467  <b>FAX Number:</b> (423) 899-0421  <b>Web Site:</b> www.superior-industries.com</p>
<p><del>Supplier Emergency Contacts &amp; Phone Number</del>                  800-476-2072                  INTERNATIONAL: 423-899-0467</p>	<p><del>Manufacturer Emergency Contacts &amp; Phone Number</del>                  800-476-2072                  INTERNATIONAL: 423-899-0467</p>

**Issue Date:** 01/16/2009

**Product Name:** CRETE REPAIR #224  
**CAS Number:** Not Established  
**Chemical Family:** calcium silicates  
**MSDS Number:** 18281  
**Product Code:** 0757-540

**2. Composition/Information On Ingredients**

Ingredient Name	CAS Number		Percent Of Total Weight
CEMENT, PORTLAND	65997-15-1		
NJTSRN 02944800-5221P	TradeSecret		
SILICA, AMORPHOUS	7631-86-9		
SILICA, QUARTZ	14808-60-7		

**3. Hazards Identification**

Primary Routes(s) Of Entry  
 Skin, eyes, Inhalation, Ingestion

Eye Hazards  
 May cause eye irritation.

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### 3. Hazards Identification - Continued

#### **Skin Hazards**

May cause skin irritation.

#### **Ingestion Hazards**

MAY CAUSE IRRITATION TO THE THROAT.

#### **Inhalation Hazards**

May cause nose, throat, and lung irritation.

#### **Teratogenicity (Birth Defects)**

NONE

#### **Reproductive Effects**

NONE

#### **Mutagenicity (Genetic Effect)**

NONE

### 4. First Aid Measures

#### **Eye**

RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

#### **Skin**

WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST CONSULT PHYSICIAN.

#### **Ingestion**

DILUTE WITH WATER. DO NOT INDUCE VOMITING. CONTACT PHYSICIAN.

#### **Inhalation**

REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, INSTITUTE ARTIFICIAL RESPIRATION. CONSULT WITH PHYSICIAN.

### 5. Fire Fighting Measures

**Flash Point:** >200 °F

**Autoignition Point:** N/AV °F

**Flammability Class:** NCMB

**Lower Explosive Limit:** N/AV

**Upper Explosive Limit:** N/AV

#### **Fire And Explosion Hazards**

NONE KNOWN

#### **Extinguishing Media**

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

### 6. Accidental Release Measures

WEAR SUITABLE PROTECTIVE EQUIPMENT. CONTAIN SPILL AND COLLECT AND SWEEP OR VACUUM. TRANSFER INTO SUITABLE CONTAINERS. AVOID CONTACT.

### 7. Handling And Storage

#### **Handling And Storage Precautions**

STORE IN A COOL DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED.

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### 7. Handling And Storage - Continued

#### Work/Hygienic Practices

WASH THOROUGHLY AFTER USING PRODUCT.

### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use with adequate general and local exhaust ventilation.

#### Eye/Face Protection

Safety glasses with side shields or goggles.

#### Skin Protection

AVOID SKIN CONTACT. WEAR LONG SLEEVE SHIRT AND LONG PANTS.

#### Respiratory Protection

In areas where the P.E.L.s are exceeded, use a properly fitted NIOSH-approved respirator.

#### Other/General Protection

#### Ingredient(s) - Exposure Limits

CEMENT, PORTLAND

ACGIH TLV-TWA - 10 mg/m3

OSHA PEL -TWA - 15 mg/m3 (total dust)

OSHA PEL - TWA - 5 mg/m3 (respirable dust)

SILICA, AMORPHOUS

ACGIH TLV-TWA 10 mg/m3

OSHA PEL-TWA 20 mppcf

OSHA PEL-TWA 80 / %SiO<sub>2</sub> mg/m3

SILICA, QUARTZ

ACGIH TLV-TWA 0.1 mg/m3 (Notice of Intended Change)

ACGIH TLV-TWA 0.05 mg/m3 (Proposed)

OSHA PEL-TWA 30/%SiO<sub>2</sub>+2 mg/m3

OSHA PEL-TWA 10/%SiO<sub>2</sub>+2 mg/m3

OSHA PEL-TWA 250/%SiO<sub>2</sub>+5 mppcf

### 9. Physical And Chemical Properties

#### Appearance

GRAY POWDER

#### Odor

ODORLESS

**Chemical Type:** Mixture

**Physical State:** Solid

**Melting Point:** N/AV °F

**Boiling Point:** N/AV °F

**Specific Gravity:** N/AV

**Packing Density:** N/AV

**Vapor Pressure:** N/AV

**Vapor Density:** >AIR

**Solubility:** <1%

**Evaporation Rate:** N/AV

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<b>10. Stability And Reactivity</b>
<b>Stability:</b> STABLE <b>Hazardous Polymerization:</b> WILL NOT OCCUR <b><u>Conditions To Avoid (Stability)</u></b> NONE KNOWN <b><u>Incompatible Materials</u></b> WATER - CREATES CALCIUM HYDROXIDE. <b><u>Hazardous Decomposition Products</u></b> NONE KNOWN <b><u>Conditions To Avoid (Polymerization)</u></b> NONE KNOWN
<b>11. Toxicological Information</b>
<b><u>Carcinogenicity Indicators</u></b> IARC Carcinogen <b><u>Miscellaneous Toxicological Information</u></b>  <b><u>Conditions Aggravated By Exposure</u></b>  <b><u>Ingredient(s) - Carcinogenicity</u></b> SILICA, AMORPHOUS Listed In The IARC Monographs SILICA, QUARTZ NTP - Listed On The National Toxicology Program Listed In The IARC Monographs
<b>12. Ecological Information</b>
No Data Available...
<b>13. Disposal Considerations</b>
Dispose in accordance with applicable federal, state and local government regulations.
<b>14. Transport Information</b>
<b><u>Proper Shipping Name</u></b> NOT REGULATED PER D.O.T.
<b>15. Regulatory Information</b>
<b><u>U.S. Regulatory Information</u></b> All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. <b><u>SARA Hazard Classes</u></b> Acute Health Hazard Chronic Health Hazard

## CRETE REPAIR #224

### 15. Regulatory Information - Continued

#### **SARA Section 313 Notification**

This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

#### **State Regulations**

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

#### **Ingredient(s) - State Regulations**

SILICA, AMORPHOUS

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

SILICA, QUARTZ

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

### 16. Other Information

#### **HMIS Rating**

Health: 1

Fire: 0

Reactivity: 0

PPE: E

#### **Disclaimer**

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Superior believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.