

# MATERIAL SAFETY DATA SHEET

## DAUERGROUT E COMPONENT C

|  |  |  |  |
|--|--|--|--|
| <b>1. Product And Company Identification</b>   |  |  |  |
| <b>Manufacturer</b><br>NOX-CRETE MANUFACTURING INC<br>1444 SOUTH 20TH STREET<br>OMAHA, NE 68108  |  | <b>Contact Information</b><br><br>FAX Number: 402-341-9752<br>E-Mail: corporate@nox-crete.com<br>Web Site: www.nox-crete.com |  |
| <b>Emergency Phone Number</b><br>CHEMTREC: 800-424-9300<br>CHEMTREC OUTSIDE OF U.S.: 703-527-3887  |  | <b>Manufacturer Phone Number</b><br>402-341-2080   |  |
| Issue Date: 07/27/2010<br>Product Name: DAUERGROUT E COMPONENT C<br>Chemical Family: CRYSTALLINE SILICA<br>MSDS Number: 175<br>Product Code: DGEC  |  |  |  |
| <b>2. Hazards Identification</b>   |  |  |  |
| <b>Primary Routes(s) Of Entry</b><br>Eye Contact, Ingestion, Inhalation  |  |  |  |
| <b>Eye Hazards</b><br>Causes eye irritation.   |  |  |  |
| <b>Ingestion Hazards</b><br>May be harmful if swallowed.   |  |  |  |
| <b>Inhalation Hazards</b><br>May cause respiratory tract irritation.   |  |  |  |
| <b>3. Composition/Information On Hazardous Ingredients</b>   |  |  |  |
| Ingredient Name  |  | CAS Number   |  |
| CRYSTALLINE SILICA   |  | 14808-60-7   |  |
| <b>4. First Aid Measures</b>   |  |  |  |
| <b>Eye</b><br>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. |  |  |  |
| <b>Skin</b><br>Wash affected areas with soap and water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.   |  |  |  |
| <b>Ingestion</b><br>If swallowed, do not induce vomiting. Get medical attention immediately if discomfort persists.  |  |  |  |
| <b>Inhalation</b><br>Move victim to fresh air. Give oxygen or artificial respiration if necessary. Seek immediate medical attention.   |  |  |  |

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### 5. Fire Fighting Measures

#### Fire And Explosion Hazards

Crystalline silica is not flammable, combustible, or explosive

### 6. Accidental Release Measures

Use appropriate personal protective equipment (PPE). Clean up using dustless methods. Collect for proper disposal.

### 7. Handling And Storage

#### Handling And Storage Precautions

Use only with adequate ventilation.

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use with adequate ventilation to keep product vapor concentrations below specified TLV.

#### Eye/Face Protection

Safety glasses with side shields or goggles recommended.

#### Skin Protection

Wear gloves and appropriate protective clothing as required to prevent skin contact. Wash exposed skin frequently with soap and water.

#### Respiratory Protection

Respirator Recommendations

NIOSH

Up to 0.5 mg/m<sup>3</sup>:

(APF = 10) Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering facepieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100, P100..

Up to 1.25 mg/m<sup>3</sup>:

(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter

(APF = 25) Any supplied-air respirator operated in a continuous-flow mode

Up to 2.5 mg/m<sup>3</sup>:

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.

(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter

Up to 25 mg/m<sup>3</sup>:

(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter. /ny appropriate escape-type, self-contained breathing apparatus

#### Ingredient(s) - Exposure Limits

CRYSTALLINE SILICA

10 mg/ m<sup>3</sup> as dust      8-hour      TWA

0.05 mg/m<sup>3</sup>              8 hour      TLV

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### 9. Physical And Chemical Properties

#### Appearance

White to tan powder, odorless

**Chemical Type:** Mixture

**Physical State:** Solid

**Specific Gravity:** Heavier than water

**Vapor Pressure:** N/A

**Solubility:** Insoluble

**Evaporation Rate:** N/A

### 10. Stability And Reactivity

**Hazardous Polymerization:** Will not occur

#### Incompatible Materials

Strong oxidizing agents.

#### Hazardous Decomposition Products

Crystalline silica will dissolve in hydrofluoric acid and produce a corrosive gas (silicon tetrafluoride).

### 11. Toxicological Information

#### Chronic/Carcinogenicity

The International Agency for Research on Cancer (IARC) has determined that crystalline silica inhaled in the form of quartz or cristobalite is carcinogenic to humans (Group 1 - carcinogenic to humans). The National Toxicology Program (NTP) classifies respirable silica as "known to be a human carcinogen". The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (A2).

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

### 14. Transport Information

No Data Available...

### 15. Regulatory Information

#### SARA Section 313 Notification

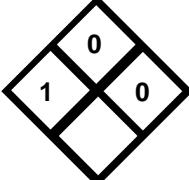
This product does not contain any ingredients in concentrations at or above de minimis levels that are listed as toxic chemicals under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

#### State Regulations

Proposition 65: WARNING. This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive toxicity.

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|   |   |        |   |              |   |            |   |                     |   |
|---|---|--------|---|--------------|---|------------|---|---------------------|---|
| <b>NFPA</b>   | <b>HMIS</b>   |        |   |              |   |            |   |                     |   |
|  | <table border="1"><tr><td>HEALTH</td><td style="text-align: center;">1</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">0</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td style="text-align: center;">X</td></tr></table> | HEALTH | 1 | FLAMMABILITY | 0 | REACTIVITY | 0 | PERSONAL PROTECTION | X |
| HEALTH  | 1   |        |   |              |   |            |   |                     |   |
| FLAMMABILITY  | 0   |        |   |              |   |            |   |                     |   |
| REACTIVITY  | 0   |        |   |              |   |            |   |                     |   |
| PERSONAL PROTECTION   | X   |        |   |              |   |            |   |                     |   |

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: David MacFarlane

This MSDS Supersedes A Previous MSDS Dated: 10/05/2006

#### Reference Documentation

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