



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

<b>Product name</b>	<b>Webcrete 95 Series</b>
<b>Product name(s) covered</b>	See Section 16 for Product Names Covered.
<b>MSDS name</b>	Webcrete 95 Product Series
<b>CAS number</b>	Mixture
<b>Generic description</b>	Grout/Cement
<b>Manufacturer</b>	Bostik, Inc. 211 Boston Street Middleton, MA 01949 USA
<b>24 hour emergency assistance</b>	Telephone: 1-800-227-0332
<b>General assistance</b>	Telephone: 1-978-777-0100
<b>MSDS assistance</b>	Telephone: 1-414-607-1347

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous component(s)	CAS #	Percent
Calcium carbonate	1317-65-3	30 - 60
Portland Cement	65997-15-1	10 - 30
Calcium sulfate	7778-18-9	1 - 5
Gypsum (Ca(SO <sub>4</sub> ),2H <sub>2</sub> O)	13397-24-5	0.5 - 1.5
Silica, Quartz	14808-60-7	0.01 - 0.1
<b>Composition comments</b>	Chronic overexposure to Silica can cause chronic lung disease (Silicosis) and/or cancer. Portland Cement contains up to 10 ppm (0.001%) Hexavalent chromium, which is a skin sensitizer and carcinogen. In its end use form, this product is caustic with a pH >12.0.	
<b>Chemical characterization</b>	Parts Per Million (ppm) = 0.0001% mg/kg = 1 ppm (0.0001%) g/kg = 1000 ppm (0.1%) Conversion from mg/m <sup>3</sup> to ppm: ppm = (mg/m <sup>3</sup> / molecular weight in grams) x 24.45	

### 3. HAZARDS IDENTIFICATION

<b>Emergency overview</b>	Exposure to dust may be irritating to eyes, nose, and throat.
<b>Potential health effects</b>	
<b>Skin</b>	Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. Mechanical rubbing may increase skin irritation.
<b>Eyes</b>	Dust or powder may irritate eye tissue.
<b>Ingestion</b>	May cause nausea, vomiting, pain, stomach upset, and diarrhea.

### 4. FIRST AID MEASURES

<b>First aid</b>	
<b>Skin</b>	Wash affected area with mild soap and water. If irritation persists, get medical attention.
<b>Eye</b>	Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately for a large dose exposure or if cough or other symptoms develop.
<b>Ingestion</b>	Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion of a large amount does occur, get medical attention immediately.

## 5. FIRE FIGHTING MEASURES

<b>Hazardous combustion products</b>	Non-combustible, substance itself does not burn.
<b>Extinguishing media</b>	Use any media suitable for the surrounding fires.
<b>Basic fire fighting procedures</b>	Not a fire hazard. This material will not burn.
<b>Dust explosion hazard</b>	None Known
<b>Sensitivity to mechanical impact</b>	None Known
<b>Sensitivity to static discharge</b>	None Known
<b>Flash point</b>	Non- Flammable

## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency action</b>	Avoid actions that cause the dry product to become airborne during clean up. Avoid inhalation and contact with eyes and skin. Place spilled material into a container for reuse or proper disposal.
<b>Reporting</b>	See Federal reporting requirements listed in Section 15. We recommend you contact local authorities to determine if there may be other local reporting requirements.

## 7. HANDLING & STORAGE

<b>Storage</b>	Store in a clean, dry area. Keep containers closed.
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls</b>	Use local or general ventilation to control airborne dust below applicable exposure limits.
<b>Eye protection</b>	Wear goggles or safety glasses with side shields.
<b>Skin and body protection</b>	Wear impervious gloves for prolonged contact. Recommended gloves include rubber, neoprene, nitrile or viton. Normal work clothing (long sleeved shirts and long pants) is recommended.
<b>Respiratory protection</b>	Respiratory protection is not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit. If ventilation is not sufficient to effectively prevent buildup of dusts, wear appropriate NIOSH/MSHA respiratory protection.

### Exposure limits

#### ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Calcium sulfate	7778-18-9	10 mg/m3 TWA (inhalable fraction)
Gypsum (Ca(SO4).2H2O)	13397-24-5	10 mg/m3 TWA (inhalable fraction, listed under Calcium sulfate)
Portland Cement	65997-15-1	10 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica)
Silica, Quartz	14808-60-7	0.025 mg/m3 TWA (respirable fraction)

#### NIOSH - Pocket Guide - TWAs

Calcium carbonate	1317-65-3	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Calcium sulfate	7778-18-9	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Gypsum (Ca(SO4).2H2O)	13397-24-5	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Portland Cement	65997-15-1	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Silica, Quartz	14808-60-7	0.05 mg/m3 TWA (respirable dust)

#### OSHA - Final PELs - Time Weighted Averages (TWAs)

Calcium carbonate	1317-65-3	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Calcium sulfate	7778-18-9	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Gypsum (Ca(SO4).2H2O)	13397-24-5	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Portland Cement	65997-15-1	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

#### OSHA - Vacated PELs - TWAs

Calcium carbonate	1317-65-3	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Calcium sulfate	7778-18-9	15 mg/m3 TWA; 5 mg/m3 TWA (respirable fraction)
Gypsum (Ca(SO4).2H2O)	13397-24-5	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Portland Cement	65997-15-1	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Silica, Quartz	14808-60-7	0.1 mg/m3 TWA (respirable dust)

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>pH</b>	N/A (pH of wet product is >12.0)
<b>Density</b>	2.6 g/cc
<b>Odor</b>	Mild

**Color** Gray  
**Physical state** Powder  
**Freeze protect** No  
**VOC (Volatile Organic Compounds)** < 0.1 %

## 10. STABILITY & REACTIVITY

**Stability** Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological data** If any toxicological data is available, it will be listed below:

### LD50

#### Toxicology Data - Selected LD50s and LC50s

Calcium sulfate 7778-18-9 Oral LD50 Rat: >3000 mg/kg  
Silica, Quartz 14808-60-7 Oral LD50 Rat: 500 mg/kg

**Carcinogenicity** If this product contains any carcinogens, they will be noted below:

#### IARC - Group 1 (Carcinogenic to Humans)

Silica, Quartz 14808-60-7 Monograph 68 [1997] (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources)

#### NIOSH - Pocket Guide - Potential Occupational Carcinogens

Silica, Quartz 14808-60-7 potential occupational carcinogen

#### NTP (National Toxicology Program) - Report on Carcinogens - Known Carcinogens

Silica, Quartz 14808-60-7 Known Carcinogen

#### OSHA - Hazard Communication Carcinogens

Silica, Quartz 14808-60-7 Present

## 12. ECOLOGICAL INFORMATION

**VOC (Volatile Organic Compounds)** < 0.1 %

**Ecotoxicological information** No data available for this product.

## 13. DISPOSAL CONSIDERATIONS

It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable local, state and federal regulations.

**Waste disposal** This product as supplied is not considered a hazardous waste under RCRA. Dispose of in compliance with all local, state, and federal regulations.

## 14. TRANSPORT INFORMATION

### Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

## 15. REGULATORY INFORMATION

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200.

**Federal regulations** All components are on the U.S. EPA TSCA Inventory List.

**State regulations** If this product contains any ingredients listed under California Proposition 65, they will be noted below:

#### California - Proposition 65 - Carcinogens List

Silica, Quartz 14808-60-7 carcinogen, initial date 10/1/88 (airborne particles of respirable size)

#### California - Proposition 65 - Developmental Toxicity

Lithium carbonate 554-13-2 developmental toxicity, initial date 1/1/91

**International regulations** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

**HMIS Ratings** Health: 3\*  
Flammability: 0  
Physical hazard: 0  
Personal protection: X

**SARA 311/312 HAZARD CATEGORIES** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**WHMIS status** Controlled

**WHMIS labeling**



**WHMIS classification** D2A - Other Toxic Effects-VERY TOXIC  
D2B - Other Toxic Effects-TOXIC  
E - Corrosive

## 16. OTHER INFORMATION

**Product name(s) covered** D63168 - WEBCRETE 95  
D63170 - WEBCRETE 95 40LB BAG IN PAIL  
D63172 - WEBCRETE 95 6X5LB

**Disclaimer** The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

**Further information** Any characters following an individual item number are just designations for the various types of packaging that are available for this product. For example, a product "G12345-XX" is item number "G12345" with a packaging designation of "XX". These characters do not indicate a different product nor a different regulatory, health, safety and/or environmental status. This document covers the item numbers listed above for all of their packaging types.

**Issue date** 25-AUG-06  
**Prepared by** Pam Larsen