



# Material Safety Data Sheet

**CHEMTREC Transportation  
Emergency Phone: 800-424-9300**

**Pittsburgh Poison Control  
Center  
Health Emergency No.: 412-681-6669**

•NOTE: The CHEMTREC Transportation  
•Emergency Phone is to be used only in the  
•event of chemical emergencies involving a  
•spill, leak, fire, exposure or accident  
•involving chemicals

## Section 1 - Chemical Product / Company Information

**Product Name:** SEMSTONE 800 SERIES  
PATCHING MORTAR PART C  
**Revision Date:** 06/29/2009

**Identification Number:** PLMSDS 197PC1NL  
**Supercedes :** 04/18/2006

**Product Use/Class:** FOR INDUSTRIAL USE ONLY  
**Preparer:** Regulatory, Department

**Manufacturer:** Carboline Company  
2150 Schuetz Road  
St. Louis, MO 63146

## Section 2 - Composition / Information On Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA-CEIL
SILICA AMORPHOUS	67762-90-7	100.0	10 MG/M3, INHALABLE	N/E	6 MG/M3	N/E

## Section 3 - Hazards Identification

**Emergency Overview:** No unusual conditions are expected from this product.

**Effects Of Overexposure - Eye Contact:** May cause eye irritation.

**Effects Of Overexposure - Skin Contact:** Skin contact with dust and fibers may produce itching and temporary irritation.

**Effects Of Overexposure - Inhalation:** Inhalation of dusts and fibers may cause temporary irritation of the mouth, nose and throat.

**Effects Of Overexposure - Ingestion:** Ingestion of this material is unlikely.

**Effects Of Overexposure - Chronic Hazards:** There are no known health effects associated with chronic exposure to this product.

**Primary Route(s) Of Entry:** Skin Contact, Inhalation, Eye Contact

**Medical Conditions Prone to Aggravation by Exposure:** Chronic respiratory or skin conditions that are aggravated by mechanical irritants may be at increased risk for worsening from exposure to this product.

## Section 4 - First Aid Measures

**First Aid - Eye Contact:** Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

**First Aid - Skin Contact:** Wash with mild soap and running water. Use a washcloth to help remove

fibers. To avoid further irritation, do not rub or scratch irritated areas. Rubbing and scratching may force fibers into skin. Seek medical attention if irritation persists.

**First Aid - Inhalation:** Move person to fresh air. Seek medical attention if irritation persists.

**First Aid - Ingestion:** Ingestion of this material is unlikely. If it does occur, observe individual for several days to insure that intestinal blockage does not occur.

## Section 5 - Fire Fighting Measures

**Flash Point, F:** >535F (>279C)  
(Setaflash)

**Lower Explosive Limit, %:** N/A  
**Upper Explosive Limit, %:** N/A

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

**Unusual Fire And Explosion Hazards:** None known.

**Special Firefighting Procedures:** Use a self-contained breathing apparatus (SCBA) in a sustained fire.

## Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** LAND SPILL: Scoop up material and put into suitable container for disposal as a non-hazardous waste.

WATER SPILL: This material will sink and disperse along the bottom of waterways and ponds. It cannot easily be removed after it is waterborne; however, the material is non-hazardous in water.

AIR RELEASE: This material will settle out of the air. If concentrated on land it can then be scooped up for disposal as a non-hazardous waste.

## Section 7 - Handling And Storage

**Handling:** Avoid breathing vapors or spray mist. No special handling procedures are required for this material.

**Storage:** Keep container closed when not in use.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** General ventilation should be provided to maintain ambient concentrations below nuisance levels.

**Respiratory Protection:** A properly fitted NIOSH/MSHA approved disposable dust respirator should be used when : high dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible limits; or if irritation occurs.

**Skin Protection:** Loose fitting long-sleeved shirt that covers to the base of the neck, long pants, and gloves should be worn. Skin irritation is known to occur chiefly at pressure points such as around neck, wrist, waist and between fingers.

**Eye Protection:** Recommend safety glasses with side shields or chemical goggles to avoid eye contact.

**Other protective equipment:** Eye wash and safety showers should be readily available.

**Hygienic Practices:** Handle in accordance with good industrial hygiene and safety practices. These practices include: avoiding unnecessary exposures to dusts and fibers by using good local exhaust ventilation; removal of the material from the skin and eyes after exposure; removal of material from clothing (Use vacuum equipment to remove fibers and dusts from clothing. Compressed air should never be used. Always wash contaminated work clothes separately from other laundry and wipe out washer / sink to prevent loose fibers from getting on other articles); keep the work area clean of dusts and fibers generated during fabrication (Use vacuum equipment to clean up dusts and fibers. Avoid sweeping or

using compressed air as these techniques re-suspend dusts and fibers into the air.) and; have access to safety showers and eye wash stations.

## Section 9 - Physical And Chemical Properties

<b>Boiling Range:</b>	N/A - N/A	<b>Vapor Density:</b>	N/A
<b>Odor:</b>	Odorless	<b>Odor Threshold:</b>	N/D
<b>Appearance:</b>	Fine White Powder	<b>Evaporation Rate:</b>	N/A
<b>Solubility in H2O:</b>	Insoluble		
<b>Freeze Point:</b>	N/D	<b>Specific Gravity:</b>	1.80
<b>Vapor Pressure:</b>	N/A	<b>PH:</b>	N/D
<b>Physical State:</b>	Solid		

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

**Conditions To Avoid:** Keep Dry. Material becomes hard and unusable when exposed to water.

**Incompatibility:** None

**Hazardous Decomposition Products:** Sizings or binders may decompose in a fire.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Stability:** This product is stable under normal storage conditions.

## Section 11 - Toxicological Information

**Product LD50:** N/D

**Product LC50:** N/D

Chemical Name	CAS Number	LD50	LC50
SILICA AMORPHOUS	67762-90-7	> 5000 MG/KG, ORAL , RAT	NOT AVAILABLE

## Section 12 - Ecological Information

**Ecological Information:** No data

## Section 13 - Disposal Information

**Disposal Information:** RCRA HAZARDS CLASS: Non Hazardous Material. Take up material and seal tightly for proper disposal.

## Section 14 - Transportation Information

<b>DOT Proper Shipping Name:</b>	Not Regulated	<b>Packing Group:</b>	N/A
<b>DOT Technical Name:</b>	N/A	<b>Hazard Subclass:</b>	N/A
<b>DOT Hazard Class:</b>	None	<b>Resp. Guide Page:</b>	N/A
<b>DOT UN/NA Number:</b>	None		

**Additional Notes:** None.

## Section 15 - Regulatory Information

**CERCLA - SARA HAZARD CATEGORY**

This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

**SARA SECTION 313**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Section 313 Substances exist in this product

**TOXIC SUBSTANCES CONTROL ACT**

All components of this product are listed on the TSCA inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(B) Substances exist in this product

**U.S. STATE REGULATIONS AS FOLLOWS:**

**NEW JERSEY RIGHT-TO-KNOW**

The following materials are non-hazardous, but are among the top five components in this product.

**PENNSYLVANIA RIGHT-TO-KNOW**

The following non-hazardous ingredients are present in the product at greater than 3%.

**CALIFORNIA PROPOSITION 65**

**Warning: The following ingredients present in the product are known to the state of California to cause Cancer:**

No California Proposition 65 Carcinogens exist

**Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:**

No California Proposition 65 Reproductive Toxins exist

**INTERNATIONAL REGULATIONS AS FOLLOWS:**

**CANADIAN WHMIS**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** Not WHMIS Regulated

**Section 16 - Other Information**

**HMIS Ratings**

**Health:** 1      **Flammability:** 0      **Reactivity:** 0      **Personal Protection:** E

**VOLATILE ORGANIC COMPOUNDS, GR/LTR MIXED (UNTHINNED):** See Part A MSDS

**REASON FOR REVISION:** Changes made in Section(s) 1.

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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