



# Pyramid Cement Products

9724 Industrial Drive  
Pineville NC 28134

Phone: 704-373-2529  
Fax: 704-373-2540

## Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. This Standard must be  
consulted for specific requirements.


## U.S. Department of Labor

Occupational Safety and Health Administration

Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)	Patented blend to be added to pool plaster to counteract the erosive and corrosive effects of pool water chemistry.
<b>SILICONE SHIELD™ s100w</b>	

### Section I

Pyramid Cement Products Inc.	Emergency Telephone Number CHEMTREC (800) 424-9300
9724 Industrial Drive Pineville, NC 28134	Telephone Number for Information (704) 373 - 2529
	Date Prepared 01/01/09
	Signature of Preparer  01/01/09

### Section II - Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	CAS number
Anhydrous Aluminum Silicate: Calcined Kaolin	15mg/m <sup>3</sup> 5mg/m <sup>3</sup>	n/a 2mg/m <sup>3</sup>	Total Dust Respirable Dust	66402-68-4
Tri- calcium silicate; Di-calcium Silicate: Portland Cement	15mg/m <sup>3</sup> 5mg/m <sup>3</sup>	10mg/m <sup>3</sup> 3mg/m <sup>3</sup>	Total Dust Respirable Dust	12168-85-3 10034-77-2
Ethyl methyl Siloxane: Silicone	N/A	N/A	N/A	68037-77-4
Calcium Silicate Glass: Crushed Recycled Glass	15mg/m <sup>3</sup> 5mg/m <sup>3</sup>	10mg/m <sup>3</sup> 3mg/m <sup>3</sup>	Total Dust Respirable Dust	65997-17-3
Modified Cellulose Ether	N/A	N/A	N/A	Proprietary



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### Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water: Partial			
Appearance and Odor: White Powder			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media: N/A			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: None			

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable - X		Mixing with water will result in the mass hardening
Incompatibility ( <i>Materials to Avoid</i> ): Strong acids will generate CO <sub>2</sub>			
Hazardous Decomposition or Byproducts: N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur - X		



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### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? – Remove to fresh air. Seek medical attention if coughing or other symptoms do not subside.	Skin? – Material is caustic. Wash skin with cool water and pH-neutral soap. Seek medical attention in cases of prolonged exposure.	Ingestion? – Do not induce vomiting. If conscious, drink plenty of water and call a physician immediately
Health Hazards ( <i>Acute and Chronic</i> ): Contains Portland Cement. Avoid eye contact – Material is caustic. In case of contact - Flush eyes with cool water for at least 15 minutes. Call physician immediately.			
Carcinogenicity: - No	NTP? - No	IARC Monographs? - No	OSHA Regulated? - No
Signs and Symptoms of Exposure: Skin irritation, coughing			
Medical Conditions Generally Aggravated by Exposure: Skin allergy may occur in sensitive individuals			
Emergency and First Aid Procedures: See above			

### Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Collect dry material using a scoop. Avoid inhalation of dust and contact with skin.
Waste Disposal Method: Do not flush down drain. Allow to dry before disposal. Dispose according to local, state and federal regulations.
Precautions to Be taken in Handling and Storing: Wear appropriate clothing and OSHA approved dust mask for fine particulates. Keep dry.
Other Precautions:

### Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> ): OSHA approved dust mask.		
Ventilation: Avoid use in confined areas.	Local Exhaust - N/A	Special - N/A
	Mechanical ( <i>General</i> ) - N/A	Other - N/A
Protective Gloves - Recommended	Eye Protection - Recommended	
Other Protective Clothing or Equipment – Cover skin. Do not rely on barrier creams.		
Work/Hygienic Practices – If exposed to material rinse immediately.		



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### **Section IX - Toxicological**

None present in regulated quantities

### **Section X - Ecological**

Ecotoxicity: No recognized unusual toxicity to flora or fauna..

### **Section XI - Transportation**

This product is not subject to D.O.T. Regulations

### **DISCLAIMER**

The information and recommendations contained in this MSDS have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.