

**US Concrete**  
**Material Safety Data Sheet**  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200.

**Product: US Underwater Grout**

**SECTION I**

<b>Manufacturer:</b>	US Concrete	<b>Emergency Number:</b>	1-800-424-9300 CHEMTREC
<b>Address:</b>	16 Greenmeadow Drive Timonium, MD 21093	<b>Telephone Number:</b>	(410) 561-8770
		<b>Date Prepared:</b>	September 21, 2008

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>Hazardous Component</b>	<b>CAS #</b>	<b>OSHA PEL</b>	<b>Hazard Limits</b>	<b>%</b>
Portland Cement	65997-15-1	5 mg/m <sup>3</sup>	(respirable dust)	
Polymeric Dispersant	Trade Secret	Non Hazardous		
Silicon Dioxide	14808-60-7	10 mg/m <sup>3</sup> dust		
	See OSHA 29 CFR § 1900.1000 Table z-3 for mineral dusts			

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O =1):</b>	2.90
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A	<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	100%	<b>(Butyl Acetate = 1)</b>	
<b>Appearance and Odor:</b>	tan white powder, no odor		

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** N/A      **Flammable Limits: LEL** N/A      **UEL** N/A

**Extinguishing Media:** N/A      **Special Fire Fighting Procedures:** N/A

**Unusual Fire and Explosion Hazards:** N/A

**SECTION V - REACTIVITY DATA**

**Stability:** Stable      **Conditions to Avoid:** Moisture, will harden

**Incompatibility:** Silica will dissolve in hydro-fluoric acid and produce gas.

**Hazardous Decomposition or Byproducts:** None

**Hazardous Polymerization:** Will Not Occur      **Conditions to Avoid:** None known

**SECTION VI - HEALTH HAZARD DATA**

**Route(s) of Entry:**      **Inhalation?** Yes      **Skin?** No      **Ingestion?** No

**Health Hazards (Acute and Chronic):** none known

(OVER)

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**SECTION VI - HEALTH HAZARD DATA –continued**

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**Carcinogenicity:** NTP? No

**IARC Monographs?** No

**OSHA Regulated?** Not Regulated

**Signs and Symptoms of Exposure:** Skin irritation and mucous membrane irritation.

**Medical Conditions Generally Aggravated by Exposure:** Freshly mixed cement grout may cause skin injury. Avoid contact with skin and wash exposed areas promptly with water.

**Emergency and First Aid Procedures:** If powder gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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**Steps to Be Taken in Case Material Is Released or Spilled:** Scoop up to collection containers.

**Waste Disposal Method:** Mix with water.

**Precautions to Be Taken in Handling and Storing:** Keep containers closed. Protect from moisture.

**Other Precautions:** Avoid breathing dust.

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**SECTION VIII - CONTROL MEASURES**

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**Respiratory Protection:** NIOSH approved organic respirator in confined areas.

**Ventilation:** Mechanical (General) Good general ventilation.

**Protective Gloves:** Rubber Gloves

**Eye Protection:** Safety Glasses

**Other Protective Clothing or Equipment:** Long sleeved shirts and pants.

**Work/Hygienic Practices:** Follow practices of good industrial hygiene.