

# Material Safety Data Sheet

# U.S. Department of Labor

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

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>Identity: (As used on Label and List)</b> SpecSmooth	<b>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</b>
--	--

Section I	
<b>Manufacturer's Name</b> SpecChem	<b>Emergency Telephone Number</b> (800) 424-9300
<b>Address (Number, Street, City, State, and ZIP Code)</b>	<b>Telephone Number for Information</b> (913) 371-8700
444-B Richmond Ave	<b>Date Prepared</b> 11/1/07
Kansas City KS 66101	<b>Signature of Preparer (optional)</b>

Section II - Hazardous Ingredients/Identity Information		
Hazardous Components ; Common Name(s))	OSHA PEL	ACGIH TLV
<b>(Specific Chemical Identity)</b>		
65997-15-1 Portland Cement	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
14808-60-7 Silica or Natural Sand	0.1 mg/m <sup>3</sup>	.01 mg/m <sup>3</sup>
NIOSH RECOMMENDS - A permissible exposure limit of 50 micrograms respirable free silica per cubic meter of air averaged over a normal work week of 40 hours.		

Section III - Physical/Chemical Characteristics			
<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	N/A
<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 (Butyl Acetate = 1)</b>	N/A
<b>Solubility in Water</b> Negligible			
<b>Appearance and Odor</b> Gray appearance - no odor			

Section IV - Fire and Explosion Hazard Data			
<b>Flash Point (Method Used)</b> N/A	<b>Flammable Lmt</b> N/A	<b>LEL</b> N/A	<b>UEL</b> N/A
<b>Extinguishing Media</b> N/A			
<b>Special Fire Fighting Procedures</b> Non-combustible; non-explosive			
<b>Unusual Fire and Explosion Hazards</b> N/A			

Section V - Reactivity Data			
<b>Stability:</b>		<b>Conditions to Avoid:</b>	
Unstable		Silica Sand is capable of dissolving in hydro-flouric acid &	
Stable	X	producing a gas - Silicon Tetrafluori	
<b>Incompatibility (Materials to Avoid)</b> Not incompatible with most materials			
<b>Hazardous Decomposition or Byproducts</b>			
<b>Hazardous Polymerization:</b>		<b>Conditions to Avoid:</b>	
May Occur			
X   Will Not Occur		Upon direct contact with water, material will harden.	

Section VI - Health Hazard Data			
<b>Route(s) of Entry:</b>	<b>Inhalation?</b> Yes	<b>Skin?</b> Yes	<b>Ingestion?</b> Yes
<b>Health Hazards (Acute and Chronic)</b> MSHA & OSHA Classification as nuisance dust			
<b>Carcinogenicity:</b>	<b>NTP?</b> Yes	<b>IARC Monographs?</b> Yes	<b>OSHA Regulated?</b> No
<b>Signs and Symptoms of Exposure</b> skin dryness; alkali burns; nuisance resulting in eye & respiratory systems, shortness of breath, reduced pulmonary function.			
<b>Medical Conditions Generally Aggravated by Exposure</b> Those with sensitive skin or with pulmonary/respiratory disease such as asthma & bronchitis should be precluded from exposure.			
<b>Emergency and First Aid Procedures</b> Repeatedly flood eyes with clean water. Exposed skin areas should be washed with soap & water; for inhalation get fresh air. Get medical attention.			

Section VII - Precautions for Safe Handling and Use	
<b>Steps to Be Taken in Case Material Is Released or Spilled</b>	With adequate ventilation, clean-up with as little as dust as possible and place into a closed container for disposal or use.
<b>Waste Disposal Method</b>	In accordance with Federal, State and Local Regulations may be treated as common waste.
<b>Precautions to Be Taken in Handling and Storing</b>	In accordance with Federal, State and Local Regulations may be treated as common waste.
<b>Other Precautions</b>	Keep dry whenever possible.

Section VIII - Control Measures	
<b>Respiratory Protections (Specify Type)</b> NIOSH, MSHA, or OSHA Approved respirator	
<b>Ventilation</b>	
Local Exhaust   to control dust if necessary	<b>Special</b>
Mechanical (General)	<b>Other</b>
<b>Protective Gloves</b> Recommended	<b>Eye Protection</b> Recommended
<b>Other Protective Clothing or Equipment:</b> Use impermeable protective clothing. Prevent skin contact with contaminated clothing.	
<b>Work/Hygienic Practices</b>	Wash clothing before re-use. Thoroughly clean contaminated clothing.

**Section IX - Special Precaution****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

KEEP MATERIAL DRY UNTIL USED. HIGH HUMIDITY OR MOISTURE WILL CAUSE PREMATURE HARDENING OF MATERIAL.

**OTHER PRECAUTIONS:**

DO NOT TAKE INTERNALLY. WASH HANDS AFTER USE AND BEFORE SMOKING OR EATING, EXPOSURE TO AIRBORNE CRYSTALLINE SILICA SHALL NOT EXCEED 8 HOURS A DAY, SEE 29CFR 1910.1000 TABLE Z-3. SEE ALSO OSHA 29 CFR.1910.134; ANSI Z.88.2; NIOSH POCKET GUIDE TO CHEMICAL HAZARD

**Section X - SARA Title II Information**This product contains the following substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: **N/A**

<b>Name</b>			
<b>CAS#</b>			
<b>PC WEIGHT</b>			

**Section XI - D.O.T. Regulations (Transportation)**

Hazard Class	N/A
ID Number	N/A
Packing Group	III
Proper shipping name	Not regulated by DOT
Label	N/A
US Domestic Ground Shipments	Not regulated by DOT
US Domestic Ground Shipments-Non-Bulk (in containers 119 gal or less)	Not regulated by DOT
<b>Cross Border transport (ADR/RID)</b>	N/A
ADR/RID Class	
Danger Code (Kemler)	
UN Number	
Label	
Packing Group	
Description	
<b>Marine Transport (IMDG)</b>	N/A
IMDG Class	
UN Number	
Label	
Packing Group	
EMS Number	
Marine pollutant	No
Proper shipping name	
<b>Air Transport (ICAO-TI and IATA-DGR)</b>	N/A
ICAO/IATA class	
UN Number	
Label	
Packing Group	
Proper shipping name	

**Disclaimer and Limitation of Liability**

The information and recommendations contained herein were obtained from sources we believe to be accurate and reliable as of the date revised. However, SpecChem does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.