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2-01-05

MATERIAL SAFETY DATA SHEET  
POTTERY PLASTER  
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33536-XXXX

<b>Quick Identifier:</b> Common Name (used on label and list)	<b>Product Code:</b>	<b>Packaging:</b>	<b>Quick Identifier:</b> Common Name (used on label and list)	<b>Product Code:</b>	<b>Packaging:</b>
Pottery Plaster	55430	4.5 lb box	Pottery Plaster	55432	25 lb bag
Pottery Plaster	55431	8.0 lb box			

<b>Section 1 – Product Name &amp; Synonyms:</b>		Plaster of Paris	
<b>Manufacturer's Name</b>	Specialized Building Products, LLC	<b>Emergency Telephone:</b> (24 hour service)	Chemtrec @ 800-422-9300
<b>Street</b>	145 W. Meats Ave.	<b>Other Information:</b>	714-279-1042
<b>City, State, and ZIP</b>	Orange, CA 92865	<b>FAX:</b>	714-279-1043
<b>Date Prepared:</b>	January 26, 2005	<b>Web-Site</b>	Specializedbuildingproducts.com

<b>Section 2 – Hazardous Ingredients / Identity</b>				
<i>THE ABOVE PRODUCTS MAY CONTAIN THE FOLLOWING COMPONENTS</i>				
<b>Hazardous Component(s) Chemical &amp; Common name:</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>% - Optional</b>	<b>CAS Number</b>
Calcium Sulfate (Plaster of Paris)	15 mg/m <sup>3</sup> ** 5 mg/m <sup>3</sup> *	10 mg/m <sup>3</sup> (e)		7778-18-9
Silica, Quartz ;	0.1 mg/m <sup>3</sup> * 0.3 mg/m <sup>3</sup> **	0.05 mg/m <sup>3</sup> <sub>R</sub> NIC 0.025 mg/m <sup>3</sup> <sub>R</sub>	~ .01 – 1.5 %	14808-60-7
<p>* Respirable fraction (PEL)                  ** Total dust (PEL) or Inhalable Particulate (TLV)                  *** STEL/CEIL – STEL stands for Short-Term Exposure Limit. Usually a 15 – minute time-weighted average (TWA) exposure that should not be exceeded at any time during a workday, even if the 8-hour TWA has not been exceeded. CEIL stands for Ceiling (C) - the concentration that shall not be exceeded during any part of the working exposure.                  SEN – TLV-Confirmed potential for worker sensitization as a result of dermal contact and/or inhalation exposure, based on the weight of scientific evidence                  NIC – TLV Notice of Intended Changes</p> <p>1 - Present as a natural occurring contaminant, ACGIH Threshold limit values lists Silica-Crystalline Quartz as "A2- Suspected Human Carcinogen"                  2 - &lt;1% crystalline silica.                  (e) - The value is for particulate matter containing no asbestos and &lt;1% crystalline silica.                  R - Respirable fraction, fraction passing a size selector with the characteristics defined in the "C" Paragraph of Appendix D in the current TLV booklet.</p>				

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**OTHER INGREDIENTS / IDENTITY**

Hazardous Component(s) Chemical & Common name:	OSHA PEL	% - Optional	CAS Number
None			

**SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS**

Boiling Point	N/A	Solubility in Water	Less than 3%
Specific Gravity (H <sub>2</sub> O = 1)	N/A	Reactivity in Water	N/A
Vapor Pressure (mm Hg)	N/A	pH	7 – 9
Vapor Density (Air = 1)	N/A	Melting Point	N/A
Appearance and Odor	White powder with no odor		

**SECTION 4 – FIRE & EXPLOSION DATA**

Flash Point	N/A	Non-Combustible (?)	Yes
Auto-Ignition Temperature	N/A	Flammability Limits in Air (% volume)	N/A
Special Fire Fighting Procedures	None	LEL Lower	N/A
Unusual Fire and Explosion Hazards	None	UEL Upper	N/A

**SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability	Unstable [ ]	Stable [ X ]
Conditions to Avoid	None	
Incompatibility (Materials to Avoid)	Acids	
Hazardous Decomposition Products	<ul style="list-style-type: none"> <li>• Releases CO<sub>2</sub> when heated to decomposition</li> <li>• Releases SO<sub>x</sub> when heated to decomposition</li> </ul>	
Hazardous Polymerization	Will Not Occur [ X ]	May Occur [ ]

**SECTION 6 – HEALTH HAZARDS**

Acute	Inhalation of dust may cause irritation of upper respiratory system		Chronic	Long term exposure to high dust levels may impair lung function		
Signs and symptoms of Exposure			N/A			
Medical Condition Generally Aggravated by Exposure			Respiratory problems			
Chemical Listed as Carcinogen or Potential Carcinogen	Crystalline Silica	ACGIH TLV P - [A2]	NIOSH Yes [Ca]	NTP Yes [K]	IRAC Monograph Yes - [1]	OSHA Yes [X]
Y - Yes N - No or Not established P-Potential						
Emergency and First Aid Procedures		Persons exposed to large amounts of airborne dust should leave the area to avoid the nuisance particulate material				
Routes of Entry		Inhalation	Remove to fresh air			
		Eyes	Wash with water for 15 minutes – call physician			
		Skin	Wash with soap and water			
		Ingestion	Call physician			

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<b>SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES</b>	
Precautions to be taken in Handling and Storage	None
Other Precautions	None
Steps to be Taken in Case Material is Released or Spilled	Contain and Scoop materials into waste container for disposal
Waste Disposal Methods	Dispose of in accordance with all federal, state, and local regulations

<b>SECTION 8- SPECIAL PROTECTION INFORMATION/CONTROL MEASURES</b>			
Respiratory Protection (specify type)	NIOSH / OSHA approved respirator for dust when dry sanding. There is limited evidence that crystalline silica (quartz) causes cancer in humans.		
Ventilation	Local exhaust preferred; Mechanical Exhaust satisfactory	Special N/A	Other N/A
Protective Gloves	Yes		
Eye Protection	Safety glasses or goggles		
Other Protective Clothing or Equipment	None		
Work / Hygienic Practices	Avoid dry sanding. Wet sanding or sponging is preferred.		

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