

MATERIAL SAFETY DATA SHEET  
PLASTER OF PARIS  
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Quick Identifier: Common Name (used on label and list)	Product Code:	Packaging:	Quick Identifier: Common Name (used on label and list)	Product Code:	Packaging:
Plaster of Paris	2003	25 lb bag	Plaster of Paris	2002	8 lb <del>box</del> bag
Plaster of Paris	2004	4.5 lb <del>box</del> bag			

Section 1 – Product Name & Synonyms:		Plaster of Paris	
Manufacturer's Name	Specialized Building Products, LLC	Emergency Telephone: (24 hour service)	Chemtree @ 800-422-9300
Street	145 W. Meats Ave.	Other Information:	714-279-1042
City, State, and ZIP	Orange, CA 92865	FAX:	714-279-1043
Date Prepared:	March 29, 2006	Web-Site	Specializedbuildingproducts.com

Section 2 – Hazardous Ingredients / Identity				
THE ABOVE PRODUCTS MAY CONTAIN THE FOLLOWING COMPONENTS				
Hazardous Component(s) Chemical & Common name:	OSHA PEL	ACGIH TLV	% - Optional	CAS Number
Calcium Carbonate (limestone)	15 mg/m <sup>3</sup> ** 5 mg/m <sup>3</sup> *	10 mg/m <sup>3</sup> (e) NIC-WD		1317-65-3
Calcium Sulfate (Plaster of Paris)	15 mg/m <sup>3</sup> ** 5 mg/m <sup>3</sup> *	10 mg/m <sup>3</sup> I		7778-18-9
Silica, Quartz <sub>1</sub>	30 mg/m <sup>3</sup> * % SiO <sub>2</sub> + 2  10 mg/m <sup>3</sup> ** % SiO <sub>2</sub> + 2	0.025 mg/m <sup>3</sup> R	~ .01 – 1.5 %	14808-60-7

\* 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.  
NIC – TLV Notice of Intended Changes  
NIC – WD: Notice of Intended Change; Withdraw TLV  
SEN – TLV-confirmed potential for worker sensitization as a result of dermal contact and/or inhalation exposure, based on the weight of scientific evidence.  
I – Measured as inhalable fraction of the aerosol  
IV – Measured as inhalable fraction and vapor

<sub>1</sub> - Present as a natural occurring contaminant, ACGIH Threshold limit values lists Silica-Crystalline Quartz as "A2- Suspected Human Carcinogen"  
<sub>2</sub> - <1% crystalline silica (Quartz).  
(e) - The value is for particulate matter containing no asbestos and <1% crystalline silica.  
R – Measured as respirable fraction of the aerosol.

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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>3</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 – SPECIICAL 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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