



Westpac Materials

Quick Identifier: Common Name (used on label and list)	Product Code:	Packaging:
All Purpose Powder Joint Cement	18420	25 lb bag

Section 1 – Product Name & Synonyms:		“All-Purpose Powder”	
Manufacturer’s Name	WestPac Materials, LLC.	Emergency Telephone:	714-974-6837
Street	341 W. Meats Ave.	Other Information:	
City, State, and ZIP	Orange, CA 92865	FAX:	714-637-9033
Date Prepared:	December 20, 2006	Web-Site	WestPacmaterials.com

Section 2 – Hazardous Ingredients / Identity				
Hazardous Component(s) Chemical & Common name:	OSHA PEL	ACGIH TLV	% - Optional	CAS Number
Calcium Carbonate (limestone)	15 mg/m ³ ** 5 mg/m ³ *	10 mg/m ³ _{(e) NIC-WD}		1317-65-3
Perlite	15 mg/m ³ ** 5 mg/m ³ *	TLV withdrawn		93763-70-3
Starch	15 mg/m ³ ** 5 mg/m ³ *	10 mg/m ³ _(e)		9005-25-8
Silica - Crystalline, Quartz ₁	<u>30 mg/m³*</u> % SiO ₂ + 2 <u>10 mg/m³**</u> % SiO ₂ + 2	0.025 mg/m ³ _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

₁ - Present as a natural occurring contaminant, ACGIH Threshold limit values lists Silica-Crystalline Quartz as “A2- Suspected Human Carcinogen”
₂ - <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.

OTHER INGREDIENTS / IDENTITY			
Hazardous Component(s) Chemical & Common name:	OSHA PEL	% - Optional	CAS Number
VOC’s		0 – 0.05 %	
Zinc Dimethyl dithiocarbamate		0 – 0.05 %	137-30-4

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SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS			
Boiling Point	N/A	Solubility in Water	Less than 3%
Specific Gravity (H ₂ 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 low 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	May release CO ₂ when heated to decomposition		
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 Y – Yes N – No or Not established P – Potential	Crystalline Silica	ACGIH TLV P - [A2]	NIOSH Yes [Ca]	NTP Yes [K]	IRAC Monograph Yes – [1]	OSHA Not specified	
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				

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES	
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

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SECTION 8- SPECIAL PROTECTION INFORMATION/CONTROL MEASURES			
Respiratory Protection (specify type)	NIOSH / OSHA approved respirator for dust when using this product. 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.		

NFPA Ratings

Health: 0
 Fire: 0
 Reactivity: 0



HIMS Rating

Health: 0*
 Fire: 0
 Reactivity: 0



0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard

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