

MATERIAL SAFETY DATA SHEET

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Date Prepared: June 05

SECTION I. MATERIAL IDENTIFICATION

Chemical Name: Montmorillonite Type Clay Chemical Family: Mineral **Trade Name:** Redmond Conditioner Formula: (Al₂0₃,4Sl0₂.H₂0)

SECTION II. INGREDIENTS AND HAZARDS

Contains: Crystalline Silica

TLV-TWA: Threshold Limit Value (TLV) – is 0.15 mg/m3, Time Weighted Average (TWA) (OSHA)

- 1. Not subject to reporting requirements under SARA, Title III, Sec. 313.
- 2. IARC has determined that there is limited evidence for the carcinogenicity of crystalline silica to humans..
- **3.** ACGIH Respirable dust.

SECTION III. PHYSICAL DATA

Boiling Point at 1 atm, deg F: Vapor Pressure at (mm Hg): Vapor Density (air = 1): Water Solubility: Solid Material, NA Solid Material NA Solid Material NA Negligible Specific Gravity (H₂O=1): Evap. Rate: Volatiles, % by Volume: Molecular Weight: Bulk Density (loose): See Bulk Density NA None 364 50-70 lbs./ft³

Appearance and Odor: Light brown to grayish white; milky.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point and Method: None				Auto Ig	nition Temp:	None	
Flammability Limits in Air:	LOWF	R None	UPPER	None			
Extinguishing Media:	None R	equired					
Special Fire Fighting Procedures: None							
Unusual Fire and Explosive Haz	ards: N	one		TLV:	None Established	l	

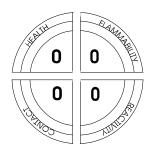
SECTION V. HEALTH HAZARD INFORMATION

TARC Classification: Crystalline silica is classified by iARC as "2A-Probably carcinogenic to Humans." **Effects of Overexposure:**

- I. The prolonged inhalation of dusts may result in shortness of breath.
- II. May be irritating to mucus membranes and respiratory tract. Long term exposure to excessive concentrations of dust from products containing crystalline silica may cause lung damage (silicosis).
- III. Personnel should not be allowed to exceed the permissible exposure limit (PEL) of 0.15 mg/m3 8-hour Time Weighted Average (TWA) measured as the respirable crystalline silica fraction.
- IV. May cause dryness of skin.

FIRST AID:

Eye Contact:	Flush with copious amounts of water.			
Skin Contact:	Wash with soap and water.			
Inhalation:	Remove to fresh air.			
Ingestion:	In case of significant amounts, induce vomiting to purge.			



SECTION VI. REACTI	VITY DATA						
Stability <u>STABLE:</u> <u>UNSTABLI</u>		Conditions to Avoid	: None Established				
Incompatibility (Materials to Hazardous Decomposition: Hazardous Polymerization:	Avoid): None None <u>MAY OCCUR:</u> WILL NOT OCCUR: X	<u>Conditions to Avoid</u>	: None Established				
SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES							
Spills, Leaks:(Steps to be taken)Sweep upWaste Disposal Method:Dispose in accordance with state or local laws.							
SECTION VIII. SPECIAL PROTECTION INFORMATION							
Repiratory Protection (Speci		required other than norm	nal				
Local Exhaust: None							
Mechanical (General): None							
Special: None							
	Other: None						
	Protective Gloves: No	1					
Eye Protection: Minimum - Safety Glasses							
			NIOSH/MSHA approved respirators				
	when working in dusty c	onditions.					

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS

Storage & Handling Information:Store in dry areaOther Precautions:Can be slippery when wet.

DOT Class: None

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Signed

Title_____