

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

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

**SECTION I**

<b>MANUFACTURER'S NAME/REPACKAGED BY:</b> <b>Certified Safety Manufacturing, Inc.</b>	<b>TELEPHONE NO.</b> <b>(816) 483-9090</b>
<b>ADDRESS:</b> <b>1400 Chestnut Avenue Kansas City, Missouri 64127</b>	
<b>IDENTITY (AS USED ON LABEL):</b> <b>Absorbent Powder</b>	<b>DATE PREPARED:</b> 12/22/09
<b>DATE REVIEWED:</b>	

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s)):</b>					
		%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Acrylic polymer(s)	CAS# Non-Hazardous	Proprietary	N/A	N/A	
Crosslinked, sodium polyacrylate	CAS # N/A	Proprietary	N/A	N/A	
(Chemical name NJTS50423NLD)					
Water	CAS# 7732-18-5	Proprietary	N/A	N/A	
Bentonite Clay	CAS# 1302-78-9	Proprietary	N/A	N/A	
Calcium Carbonate	CAS# 1317-65-3	Proprietary	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
Crystalline Silica (quartz)	CAS#14808-60-7	Proprietary		.05 mg/m <sup>3</sup>	
THIS PRODUCT IS PRODUCED AS A HEALTH CARE ITEM "FOOD, DRUG OR COSMETIC, INTENDED FOR PERSONAL CONSUMPTION BY EMPLOYEES WHILE IN THE WORKPLACE" TO WHICH THE HAZARDOUS COMMUNICATIONS REQUIREMENTS OF; 29CFR 1910.1200 (A) & (B) DO NOT APPLY,AS SPECIFICALLY STATED IN 29CFR 1910.1200 (B) (5) (V)					

**SECTION III – PHYSICAL DATA**

<b>BOILING POINT (°F):</b>	100°C (212°F)	<b>SPECIFIC GRAVITY (H<sub>2</sub>O= 1):</b>	
<b>VAPOR PRESSURE (mm Hg.):</b>	17.0 mmHg at 20 °C (68°F)	<b>MELTING POINT:</b>	0°C (32°F)
<b>VAPOR DENSITY (AIR=1):</b>	<1.0 water	<b>EVAPORATION RATE:</b> (Butyl Acetate =1)	<1.00
<b>SOLUBILITY IN WATER:</b>	Insoluble	<b>% volatiles by Vol.:</b>	69–71% water
<b>PH:</b>	2.2 – 3.2		
<b>APPEARANCE AND ODOR:</b> Clay granules with blue quartz crystals			

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (Method used):</b> Non-combustible	<b>FLAMMABLE LIMITS:</b> N/A	<b>LEL:</b> N/A	<b>UEL:</b>
<b>EXTINGUISHING MEDIA:</b> water spray, dry extinguishing media, foam <b>Unsuitable extinguishing media for safety reasons:</b> carbon dioxide, water jet. <b>Additional information:</b> Avoid whirling up the material/product because of the danger of dust explosion.			
<b>SPECIAL FIRE FIGHTING PROCEDURES: Special protective equipment for fire-fighters:</b> Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.			

**SECTION V – REACTIVITY DATA**

<b>STABILITY:</b>	<b>STABLE</b>	√	<b>CONDITIONS TO AVOID:</b> Avoid all sources of ignition; Heat, sparks, open flame.
<b>INCOMPATIBILITY (Materials to avoid):</b> None known			
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> carbon monoxide, carbon dioxide, hydrocarbons			

<b>HAZARDOUS POLYMERIZATION:</b>	<b>MAY OCCUR</b>		<b>CONDITIONS TO AVOID:</b> Thermal decomposition may yield acrylic monomers
	<b>WILL NOT OCCUR</b>	√	

**SECTION VI – HEALTH HAZARD DATA**

<b>ROUTE(S) OF ENTRY: INHALATION?:</b> yes SKIN?: yes INGESTION?: yes
<b>PRIMARY ROUTES OF EXPOSURE:</b> Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
<b>HEALTH HAZARDS (Acute and Chronic):</b> Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Caution: May cause eye, skin and respirator tract irritation. Ingestion may cause gastric disturbances.
<b>Irritation:</b> Ingestion may cause irritation of the gastrointestinal tract. Contact with powders or dusts may irritate the eyes, skin and respiratory tract.
<b>CARCINOGENICITY:</b> IARC Monographs (Volume 68, 1997) state that there is sufficient evidence of the carcinogenicity of inhaled crystalline silica (quartz) from occupational sources in Humans IARC classification – Group 1. None of the components present in this formulation are currently classified as carcinogens in the NTP Annual Report on Carcinogens, IARC Monographs or by OSHA
<b>EMERGENCY AND FIRST AID PROCEDURES: General advice:</b> Remove contaminated clothing
<b>Inhalation:</b> Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.
<b>Eye:</b> Rinse with plenty of water. If eye irritation persists, consult a specialist. Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.
<b>Skin:</b> Wash thoroughly with soap and water. If irritation develops, seek medical attention.
<b>Ingestion:</b> If swallowed: Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. unconscious person.
<b>Note to physician:</b> Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

**SECTION VII – SPILL OR LEAK PROCEDURES**

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b> Keep people away from and upwind of spill/leak. Material can create slippery conditions. Forms slippery surfaces with water. Use personal protective equipment. Spills should be contained and placed in suitable containers for disposal.
<b>DISPOSAL CONSIDERATIONS: Environmental precautions:</b> CAUTION: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. <b>Waste Classification:</b> When a decision is made to discard this material as supplied, it does not meet RCTA’s characteristic definition if ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC) however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP). Coagulate the emulsion by the stepwise addition of ferric chloride and lime. For disposal, incinerate this material at a facility that complies with local, state and federal regulations.

**SECTION VIII – SPECIAL PROTECTION INFORMATION**

<b>RESPIRATORY PROTECTION (Specify type):</b> A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator’s use. None required under normal operating conditions. Where vapors and/or dust may occur, wear a properly fitted NIOSH approved (or equivalent) half-mask, air-purifying respirator. Air-purifying respirators should be equipped with NIOSH approved (or equivalent) organic vapor cartridges and N95 filters. If oil mist is present use R95 or P95 filters.		
<b>VENTILATION:</b>	LOCAL EXHAUST: √	SPECIAL: None
	MECHANICAL (General): None	OTHER: None
<b>ENGINEERING MEASURES:</b> Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice Published by the American Conference of Governmental Industrial Hygienists for information on the design, installation use, and maintenance of exhaust systems.		
<b>PROTECTIVE GLOVE:</b> Neoprene gloves		<b>EYE PROTECTION:</b> Tightly fitting safety goggles (chemical)
<b>OTHER PROTECTIVE EQUIPMENT:</b> Self-contained breathing apparatus. Facilities storing or utilizing this material should be equipped with an eyewash facility.		

**SECTION IX – SPECIAL PRECAUTIONS**

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Handling General Advice:</b> Handle in accordance
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with good industrial hygiene and safety practice. Breathing must be protected when large quantities are decanted
without local exhaust ventilation. Avoid the formation and deposition of dust. Avoid contact with eyes, skin and
clothing. Wearing of closed work clothing is recommended.
<b>Storage: General advice:</b> Keep containers dry because product takes up the humidity of air. Keep container tightly
closed and dry; store in a cool place.

THIS INFORMATION AND RECOMMENDATIONS HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AS OF THE DATE, HOWEVER CERTIFIED SAFETY MAKES NO WARRANTY WITH RESPECT TO THE ACCURACY OF THIS INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USE THEREOF.....