



# MATERIAL SAFETY DATA SHEET

Form

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## I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE® Floor Resurfacing Mortar

CHEMICAL FAMILY: Proprietary powder

MANUFACTURER'S NAME: LATICRETE INTERNATIONAL, INC.  
1 Laticrete Park, N.  
Bethany, CT 06524-3423 USAReviewed & Approved By:  
Steven B. Fine  
Steven B. Fine  
Sr. Research Chemist/Safety Officer

Phone number for additional information: (203) 393-0010

Date prepared or revised: 5/08 Name of preparer: S.B. Fine

## II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Portland cement	65997-15-1	2-20	10 mg/M3	50 mppcf	
Silica Sand	14808-60-7	50-60		0.1 mg/M3	
Calcium sulfate	7778-18-9	0-5	10 mg/m3	15 mg/m3	
limestone	1317-65-3	0-15	10 mg/m3	15 mg/m3	
Proprietary compounds	Trade Secret	0-25	5 mg/m3	15 mg/m3	
Calcium hydroxide	1305-62-0	0-1	5 mg/m3		
Lithium carbonate	554-13-2	0-0.5	N/A	N/A	
Calcium aluminite cement	065997-16-2	0-15	3 mg/m3	5 mg/m3	

**N/A = Not applicable or available**

## III. HEALTH HAZARD INFORMATION

**SYMPTOMS OF OVEREXPOSURE** for each potential route of exposure. (Possible Longer Term Effects) Chronic Bronchitis, possible silicosis, or cancer if exposed to greater than permissible limits for a prolonged period of time. Exposure to more than 5 mg/m3 without protection may cause birth defects in pregnant women.

### SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled: irritation to nose and throat, large doses may cause tremor or nausea. May cause damage to mucous membranes or respiratory tract.

Contact with skin or eyes: may cause skin irritation or burns and eye irritation or burns

Absorbed through skin: Not likely to occur

Swallowed: irritation to throat, nausea, inhalation or swallowing of large doses (over 500 mg/kg of body weight) may cause tremor or nausea



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### SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found in the lists below.

YES:  Federal OSHA  NTP  IARC

### -----IV. FIRST AID: EMERGENCY PROCEDURES-----

Eye Contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Rinse with soap and water. If irritation persists, seek medical attention

Inhaled: Move to fresh air. If normal breathing does not resume, seek medical help

Swallowed Seek immediate medical help.

### ----- V. FIRE AND EXPLOSION -----

Flash Point method): Non-Flammable

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %:

Lower (LEL) \_\_\_\_\_

Upper (UEL) \_\_\_\_\_

Fire extinguishing materials:

water spray

carbon dioxide

other:

foam

dry chemical

Special fire fighting procedures: None known.

Unusual fire and explosion hazards: None known.

### ----- VI. SPILL, LEAK, AND DISPOSAL PROCEDURES -----

Spill response procedures (include employee protection measures): Sweep up and return to container. Wear gloves, long sleeves, safety eye wear, and NIOSH approved dust mask.

Preparing wastes for disposal (container types, neutralization, etc.):

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.



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-----VII. Handling and Storage-----

Store in cool dry area.

----- VIII. Exposure Controls and Personal Protection -----

Ventilation and engineering controls: normal ventilation

Respiratory protection (type): NIOSH approved dust mask if TLV is exceeded

Eye protection (type): safety glasses or goggles

Gloves (specify material): leather or rubber gloves

Other clothing and equipment: long sleeved clothing

Work practices, hygienic practices: normal good housekeeping

Other handling and storage requirements: None Known.

Protective measures during maintenance of contaminated equipment: See above.

----- IX. PHYSICAL PROPERTIES -----

Vapor density (air=1):N/A

Melting point or range, °F: N/A

Specific gravity: N/A

Boiling point or range, °F: N/A

Solubility in water: insoluble

Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C: N/A

Appearance and odor: grey odorless powder

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist):

----- X. REACTIVITY DATA -----

Stability:   x   Stable        Unstable

Conditions to avoid: None known.

Incompatibility (materials to avoid): incompatible with concentrated acids

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). None known.

Hazardous polymerization:        May occur   x   Will not occur

Conditions to avoid: None known.



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-----XI. Toxicology Information-----

None known.

-----XII. Ecological Information-----

None known.

-----XIII. Disposal Information-----

Dispose in compliance with local, state, and federal regulations.

-----XIV. Transport Information-----

No special labeling or transportation placarding is required.

-----XV. Regulatory Information-----

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.

W.H.M.I.S. Class D.2.

This product contains a chemical known to the State of California to cause cancer or reproductive harm.

-----XVI Other Information-----

This information is furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate.