



Form

F 7.3.29

**MATERIAL SAFETY DATA SHEET**Rev: B  
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## ----- I. PRODUCT IDENTIFICATION -----

TRADE NAME (as labeled): LATICRETE® 84 Latilevel™

CHEMICAL FAMILY: Proprietary powder

MANUFACTURER'S NAME: LATICRETE INTERNATIONAL, INC.  
1 Laticrete Park, N.  
Bethany, CT 06524-3423 USA

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

Date prepared or revised: 1/2012 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	18-20	10 mg/M3	50 mppcf	
Silica Sand	14808-60-7	50-60	N/A	0.1 mg/M3	
limestone	1317-65-3	17-25	10 mg/m3	15 mg/m3	
Lithium carbonate	554-13-2	0-0.3	N/A	N/A	
Calcium aluminite cement	065997-16-2	1-3	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

## SUSPECTED CANCER AGENT?

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

YES:  Federal OSHA  NTP  IARC



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## -----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.

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

Store in cool dry area.



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----- 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-----

Inhalation; Breathing silica dust may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects:

**Silicosis:**

Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath. Wheezing, non-specific chest illness and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop mycobacterial infections, (tuberculous and non-tuberculous) and fungal infections. Inhalation of air with a very high concentration of respirable silica dust can cause the most serious forms of silicosis in a matter of months or a few years. Some epidemiologic studies have concluded that there is significant risk of developing silicosis even at airborne exposure levels that are equal to the recommended NIOSH, REL, the ACGIH TLV, the OSHA PEL, and the MSHA Exposure Limit.

Then: is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as scleroderma (an immune system disorder manifested by fibrosis of the lungs. skin and other internal organs) rheumatoid arthritis. systemic lupus, erythematosus, sarcoidosis, chronic bronchitis, chronic obstructive pulmonary disease (COPD). emphysema. chronic kidney disease and end-stage renal disease.

-----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.