



Form

F 7.3.29

# MATERIAL SAFETY DATA SHEET

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## I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE® 253 Gold  
CHEMICAL FAMILY:

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	30-40%	10 mg/m <sup>3</sup>	50 mppcf	N/A
Silica Sand	14808-60-7	55-65%	N/A	.1 mg/m <sup>3</sup>	N/A
Blast furnace slag	65996-69-2	0-12%	N/A	N/A	N/A
Fly Ash	68131-74-8	0-9%	N/A	N/A	N/A

**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

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled: Irritation of nose, cough, labored breathing, expectoration

Contact with skin or eyes: Irritation of eyes, skin sensitization

Absorbed through skin: N/A

Swallowed: Expectoration

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: Promptly wash contaminated skin with soap or mild detergent and water.

Inhaled: Move the exposed person to fresh air at once.

Swallowed If person is conscious, give large quantities of water. After swallowing water, try to get person to vomit. Get medical attention immediately.

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

Flash Point method): Not flammable or combustible

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: N/A

Unusual fire and explosion hazards: N/A

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

Spill response procedures (include employee protection measures): Shovel into pails or drums with covers. Wear appropriate equipment to prevent skin and eye contact; also a dust mask approved by NIOSH.

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

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: N/A

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

Eye protection (type): Chemical goggles or safety glasses

Gloves (specify material): Use impervious gloves, vinyl or rubber

Other clothing and equipment: Use appropriate clothing to prevent skin contact. Barrier creams will assist in protecting the skin from contamination.

Work practices, hygienic practices: Familiarize the employees with the special handling procedures in this section; also encourage prompt removal of contaminated clothing and washing of contaminated areas.

Other handling and storage requirements: N/A

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: 1.28

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 or white 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: Keep dry until used.

Incompatibility (materials to avoid): N/A

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). N/A



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Hazardous polymerization: \_\_\_\_\_ May occur                        x   Will not occur

Conditions to avoid: N/A

-----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. chonic kidney disease and end-stage renal disease.

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

N/A

-----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 Code D.2

NFPA Code Health – 3 Flammability – 0 Reactivity – 0 Other – Cor

HMIS Code Health – 2 Flammability – 0 Reactivity – 0 Personal Protection E

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

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

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