



MATERIAL SAFETY DATA SHEET

Form

F 7.3.29

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----- I. PRODUCT IDENTIFICATION -----

TRADE NAME (as labeled): DRYTEK® 4000

CHEMICAL FAMILY: proprietary mixture

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

Phone number for additional information: (203) 393-0010 or website :www.laticrete.com

Date prepared or revised: 9/2012 Name of preparer: S. B. Fine

----- II. HAZARDOUS INGREDIENTS -----

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Crystalline silica in the form of quartz	14808-60-7	50-60	N/A	0.1 mg/m ³	
Slag	65996-69-2	20-30	N/A	N/A	
Anhydrite	14798-04-0	4-8	10 mg/m ³	15 mg/m ³ respirable	
Lithium carbonate	554-13-2	0-0.2	N/A	3 mg/m ³ respirable	
Portland cement	65997-15-1	1-3	10 mg/m ³	50 mppcf	

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.

(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: Irrigate immediately for at least 15 minutes. See a physician if irritation persists.

Skin Contact: Wash off in flowing water or shower. See a physician if irritation persists.

Inhaled: Remove to fresh air. Seek medical attention if necessary.

Swallowed: Seek immediate medical attention.

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

Flash Point method): N/A

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %: N/A

Lower (LEL) _____

Upper (UEL) _____

Fire extinguishing materials:

water spray

carbon dioxide

other:

foam

dry chemical

Special fire fighting procedures: Wear positive pressure self-contained breathing apparatus.

Unusual fire and explosion hazards: This product will not burn. Use appropriate techniques to fight surrounding fires.

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

Spill response procedures (include employee protection measures): dust masks, safety glasses, and long sleeved clothing; avoid the generation of dust. Vacuum or shovel material and place in a closed container.

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

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

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

Wear dust masks, safety glasses, and long sleeved clothing when handling. Store in dry, well ventilated areas.

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

Ventilation and engineering controls: Normal

Respiratory protection (type): NIOSH approved dust masks if exposure limits are exceeded.

Eye protection (type): Safety glasses or goggles



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Gloves (specify material): Impervious gloves

Other clothing and equipment: Long sleeved clothing

Work practices, hygienic practices: Normal Good housekeeping

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: N/A

Boiling point or range, °F: N/A

Solubility in water:

Evaporation rate ():N/A

Vapor pressure, mmHg at 20°C: N/A

Appearance and odor: light grey odorless powder

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

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

Stability: x Stable Unstable

Conditions to avoid: Contact with acids.

Incompatibility (materials to avoid): Contact with acids.

Hazardous decomposition products (including combustion products): None known

Hazardous polymerization: May occur x Will not occur

Conditions to avoid:

----- 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



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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-----

This product is not expected to present an environmental hazard.

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

Dispose in compliance with local, state, and federal regulations. Spilled product can be recovered and re-used.

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

Not Regulated

-----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.