



Form

F 7.3.29

MATERIAL SAFETY DATA SHEET

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

TRADE NAME (as labeled): LATICRETE Hydro Ban Pan

CHEMICAL FAMILY: Polystyrene

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: 7/2011 Name of preparer: S.B. Fine

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

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Chlorodifluoroethane	000075-00-3	1-15	N/A	N/A	N/A
Silica, Crystalline Quartz	14808-60-7	15-40	0.05 mg/m ³	0.1 mg/m ³	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. Exposure to more than 5 mg/m³ without protection may cause birth defects in pregnant women.

(Acute effects)

Inhaled dust: 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 slight irritation.

Absorbed through skin: N/A

Swallowed: May cause slight irritation.

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.

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Swallowed: Seek immediate medical attention.

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

Flash Point method): N/A
Auto ignition temperature, °F:
Flammable limits in air, volume %: Lower (LEL) N/A Upper (UEL) N/A
Fire extinguishing materials:
 x water spray x carbon dioxide other:
 x foam x dry chemical

Special fire fighting procedures: Wear positive pressure self-contained breathing apparatus. Keep people away. Isolate fire area and deny unnecessary entry. If material is molten, do not apply direct water stream. Use fine water spray or foam. Soak thoroughly with water to cool and prevent re-ignition. Cool surroundings with water to localize fire zone.

Unusual fire and explosion hazards: N/A

----- 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. Remove product.

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

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



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IX. PHYSICAL PROPERTIES

Vapor density (air=1): N/A

Melting point or range, °F: softens at 175 - 200

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: Olive green panel

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

X. REACTIVITY DATA

Stability:

Stable

Unstable

Conditions to avoid: Reactive cvith oxidizing agents. Organic solvents, esters, amines and aldehydes will dissolve product. High temperature, poor ventilation with freshly expanded product may create hazardous, explosive or fire conditions. Incompatibility (materials to avoid): Contact with acids.

Hazardous decomposition products (including combustion products): Does not normally decompose. Evolution of small amounts of hydrogen halides occurs when heated above 250°C. Under high heat, non-flaming conditions, small amounts of aromatic hydrocarbons such as styrene and ethylbenzene are generated. Hazardous decomposition products depend upon temperature, air supply and the presence of other materials. Hazardous decomposition products may include and are not limited to ethylbenzene, aromatic compounds, aldehydes, hydrogen bromide, hydrogen chloride, hydrogen fluoride, polymer fragments, and styrene.

Hazardous polymerization:

May occur

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 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.



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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. 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.

U.S. Regulations

SARA 313 information: This product contains the following substances subject to the reporting requirements of section 313 of Title 111 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Chemical Name CAS Number Concentration Chlorodifluoroethane 000075-00-3 < 15%

SARA Hazard Category: This product has been reviewed according to the EPA "Hazard Categories" promulgated under sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA, Title 111) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category.

State Right-to-Know: The following product components are cited on certain state lists as mentioned. Non-listed components may be shown in the composition section of the MSDS.

Chemical Name	CAS Number	List
Chlorodifluoroethane	000075-00-3	NJ2 PA1 NJ3
Talc	014807-96-6	PA1 NJ3

NJZ=New Jersey Environmental Hazardous Substance (present at greater than or equal to 1.0%)

NJ3=New Jersey Workplace Hazardous Substance (present at greater than or equal to 1.0%)

PAI=Pennsylvania Hazardous Substance (present at greater than or equal to 1.0%)

Canadian Regulations


WHMIS Information: The Canadian Workplace Hazardous Materials Information System (WHMIS)

Classification for this product is:

This Product is not a "Controlled Product" under WHIMS

Canadian Environmental Protection Act (CEPA): All substances in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

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

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