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	MATERIAL SAFETY DATA SHEET	
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----- **I. PRODUCT IDENTIFICATION** -----

TRADE NAME (as labeled): **LATICRETE® 15 Premium Mastic**

CHEMICAL FAMILY: Ceramic Tile Adhesive

MANUFACTURER : LATICRETE INTERNATIONAL, INC.
 Laticrete Park North
 Bethany, CT 06524-3423 USA

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

Date prepared or revised: 3/2011 Name of preparer: S.B. Fine

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

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH		OSHA		COMPANY	
			TLV-TWA	TLV-STEL	PEL-TWA CEILING	PEL-	TLV-TWA	SKIN
limestone	16389-88-1	50-75%	0.025 mg/m ³ (respirable)	N/A	0.1 mg/m ³	N/A		
Ethylene Glycol	107-21-1	1.0-5.0	N.E.	50 ppm*	N.E.	50 ppm	N.E.	NO
Stoddard solvent	8052-41-3	0-5.0	100 PPM	N.E.	350 PPM	500 ppm.	N.E.	NO

(See Section 16 for abbreviation legend), * - TLV-Ceiling Value

Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard.

Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); limits may vary between states.

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: WARNING! Harmful if inhaled. Harmful or fatal if swallowed. May irritate eyes, skin, nose, and respiratory tract.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Prolonged or repeated contact with skin may cause irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: Vapor may irritate nose and upper respiratory tract, cause dizziness, nausea, or headaches.

EFFECTS OF OVEREXPOSURE - INGESTION: Ingestion of ethylene glycol in excess may lead to respiratory cardiac failure as well as kidney and liver damage. Ingestion of this product can cause gastrointestinal irritation, vomiting, and diarrhea.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Reports have associated permanent brain and nervous system damage with prolonged and repeated occupational overexposure to solvents. Ingestion of Ethylene Glycol in excess may lead to respiratory and cardiac failure, and kidney and liver damage. Prolonged or repeated contact with skin may cause irritation.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: None known.

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PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT - INHALATION

SECTION IV - FIRST AID MEASURES

EYE CONTACT: Flush with large quantities of water until irritation subsides. Contact a physician.

SKIN CONTACT: Wash with soap and water.

INHALATION: Remove to fresh air. Contact a physician immediately.

INGESTION: DO NO INDUCE VOMITING. Contact a physician or Regional Poison Control Center immediately.

COMMENTS: None

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT: >200F (SETAFLASH CLOSED CUP)	LOWER EXPLOSIVE LIMIT: N/A
	UPPER EXPLOSIVE LIMIT: N/A

AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SPECIAL FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces.

ACCIDENTAL RELEASE MEASURES

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Use absorbent material or scrape up dried material and place into containers.

SECTION VII - HANDLING AND STORAGE

HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN. Avoid prolonged or repeated contact with skin. Avoid contact with eyes.

STORAGE INFORMATION: Store away from caustics and oxidizers. Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing. Do not store at temperatures above 120 degrees F.

OTHER PRECAUTIONS: Use in a well ventilated area. Provide fresh air such that chemical odors cannot be detected during use and while drying. Construction and repair activities can adversely affect indoor air quality. Consult with the occupants or a representative (i.e., maintenance, building manager, industrial hygienist, or safety officer) to determine ways to minimize any impact.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good mechanical ventilation and local exhaust.

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RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Not required under normal usage and adequate ventilation.

EYE PROTECTION: Safety glasses with side shields recommended.

SKIN PROTECTION: Gloves recommended for repeated or prolonged contact with skin.

OTHER PROTECTIVE EQUIPMENT: None

HYGIENIC PRACTICES: Although this product is not considered an eye irritant, inhalation hazard, or a skin contact hazard under normal conditions, it is advisable that personnel minimize skin contact, inhalation of vapors, and eye contact. Remove contaminated clothing and wash before reuse.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range:	210 - 220 F	Vapor Density:	Is heavier than air
Odor:	Mild Solvent Odor		
Appearance:	Smooth buff to white color	Evaporation Rate:	Is slower than Butyl Acetate
Solubility in H2O:	N.E.		
Specific Gravity:	1.498 g/cc		
Vapor Pressure:	17.5mm Hg @ 68F		
Physical State:	Paste		

(See Section 16 for abbreviation legend)

SECTION X - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Excessive heat and freezing.
INCOMPATIBILITY: Strong oxidizers and caustics.
HAZARDOUS DECOMPOSITION PRODUCTS: Normal decomposition products, i.e., COx, NOx.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.
STABILITY: This product is stable under normal storage conditions.

SECTION XI - TOXICOLOGICAL PROPERTIES

Ethylene glycol Oral LD50 Rat 4000 mg/kg Dermal LD50 Rabbit 9530µL/kg

SECTION XII - ECOLOGICAL INFORMATION

Environmental toxicity
Acute and prolonged toxicity to fish:
OECD Guideline 203 static
zebra fish/LC50 (96 h): > 100 mg/l
Acute toxicity to aquatic invertebrates:
OECD Guideline 202, part 1 static
Daphnia magna/EC50(48 h): > 100 mg/l
Toxicity to aquatic plants:
OECD Guideline 201 green algae/EC50 (72 h): > 100 mg/l
Nominal concentration.
Toxicity to microorganisms:
DIN EN ISO 8192-OECD 209-88/302/EEC, P. C activated sludge, domestic/EC20 (0.5 h): > 100 mg/l
me Inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

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Other ecotoxicological advice:

Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected.

Ecological data are determined by analogy.

SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and Local Standards. This product does not meet the definition of a hazardous waste according to U.S. EPA Hazardous Waste Management Regulations, 40 CFR Section 261. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

EPA WASTE CODE - If discarded (40 CFR 261): None.

SECTION XIV - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated by D.O.T.

DOT HAZARD CLASS: None

This product is not regulated for air freight.

DOT UN/NA NUMBER: None PACKING GROUP: None

SECTION XV - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

SARA SECTION 313:

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

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WT/WT % RANGE</u>
Ethylene glycol	107-21-1	1.0-5.0%

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>
No information is available.	

LATICRETE 15 Premium Mastic

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>
Water	7732-18-5
Acrylic Polymer	TRSN-5144P
Calcium Carbonate	1317-65-3

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>
Water	7732-18-5
Acrylic Polymer	Proprietary
Calcium Carbonate	1317-65-3

CALIFORNIA PROPOSITION 65:

