



# MATERIAL SAFETY DATA SHEET

Form

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## I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE® Air and Water Barrier

CHEMICAL FAMILY: Styrene Copolymer Latex

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: 8/2011 Name of preparer: S.B. Fine

## II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Ethylene Glycol	107-21-1	0.45	5 ppm (ceiling)	N/A	N/A

**N/A = Not applicable or available**

## III. HEALTH HAZARD INFORMATION

HMIS Classification

Health – 1 Flammability 0 Reactivity 0 Personal Protection B

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) None known.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled: No problem normally anticipated

Contact with skin or eyes: This product may be an eye irritant. It may cause skin irritation upon prolonged or repeated contact.

Absorbed through skin: Skin absorption is unlikely.

Swallowed: Single dose oral toxicity is believed to be low.

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: Wash off in flowing water or shower.

Inhaled: No adverse effects anticipated.

Swallowed No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

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

Flash Point method): Non-flammable water based product

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: Closed containers exposed to extreme heat may rupture due to pressure buildup.

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

Spill response procedures (include employee protection measures): Small amounts of spilled material may be absorbed onto and appropriate absorbent. Prevent spilled liquid from entering sewers, storm drains, and natural waterways. Wear safety glasses and impervious gloves.

Preparing wastes for disposal (container types, neutralization, etc.): Place contaminated absorbed material into metal containers and seal.

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

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

Store in area between 40°F and 100°F.



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

Ventilation and engineering controls: Good general ventilation should be sufficient for most conditions

Respiratory protection (type): Not needed for most conditions

Eye protection (type): Use chemical goggles or safety glasses

Gloves (specify material): Impervious gloves, vinyl or rubber

Other clothing and equipment: Wear clean, long-sleeved bond-covering clothing

Work practices, hygienic practices: Maintain good housekeeping standards

Other handling and storage requirements: Should store at temperatures between 40 - 100°F

Protective measures during maintenance of contaminated equipment:

----- IX. PHYSICAL PROPERTIES -----

Vapor density (air=1): N/A

Melting point or range, °F: N/A

pH 9-10

Specific gravity: 1.34 - 1.35

Boiling point or range, °F: 212

Solubility in water: dispersible

Evaporation rate (butyl acetate = 1): N/A

Vapor pressure, mmHg at 20°C: 23 hPa

Appearance and odor: olive colored, thick liquid, Slight styrene odor

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: No hazardous reactions are expected to occur under normal industrial conditions.

Incompatibility (materials to avoid): N/A

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide and traces of monomer

Hazardous polymerization:      May occur     x     Will not occur

Conditions to avoid: N/A



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-----XI. Toxicology Information-----

None Known.

-----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.

Ethylene glycol is defined as a chemical under, and subject to, reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372.

**SARA HAZARD CATEGORY:**

Ethylene glycol has been reviewed according to the EPA "Hazard Categories" promulgated under section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following: 1. An immediate health hazard 2. A delayed health hazard.

This product does not contain any California Proposition 65 listed chemicals.

W.H.M.I.S. Classification: D2A

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

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