



# MATERIAL SAFETY DATA SHEET

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

TRADE NAME (as labeled): LATICRETE® 4855 Conductive Latex

CHEMICAL FAMILY: Acrylic Latex

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

Reviewed & Approved By:  
Steven B. Fine  
Steven B. Fine  
Sr. Research Chemist/Safety Officer

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

Date prepared or revised: 1/08 Name of preparer: S.B. Fine

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

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
N/A	N/A	N/A	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) N/A

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)  
Inhaled: No adverse effects are anticipated from inhalation

Contact with skin or eyes: Short exposure not likely to cause significant skin irritation. Eye contact may cause slight, temporary eye irritation

Absorbed through skin: Skin absorption is unlikely due to physical properties

Swallowed: Single dose oral toxicity is believed to be low. No hazards anticipated from ingestion incidental to industrial exposure

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

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

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

Flash Point method): Non-flammable or combustible in liquid form

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %: Lower (LEL) \_\_\_\_\_ Upper (UEL)

Fire extinguishing materials:  
\_\_\_\_\_ x \_\_\_\_\_ water spray  
\_\_\_\_\_ foam \_\_\_\_\_ carbon dioxide \_\_\_\_\_ other:  
\_\_\_\_\_ dry chemical

Special fire fighting procedures: N/A

Unusual fire and explosion hazards: As latex, material is not combustible; however, the dried resin is combustible similar to wood. Burning dry resin emits dense, black smoke.

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

Spill response procedures (include employee protection measures): Flush area with water immediately. Avoid unnecessary exposure and contact. Wear safety glasses and impervious gloves.

Preparing wastes for disposal (container types, neutralization, etc.): Soak up with absorbent materials. Store in pails or drums. Bury in an approved landfill or burn solid wastes in an adequate incinerator. If enters sanitary sewers, flush with large amounts of water.

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

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

Should store at temperatures between 40-100°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): No respiratory protection should be needed if good ventilation is maintained

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, body-covering clothing

Work practices, hygienic practices: Maintain good housekeeping standards

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: 1.00

Boiling point or range, °F: 212

Solubility in water: Emulsion

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

Vapor pressure, mmHg at 20°C: N/A

Appearance and odor: dark liquid, slight 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: May coagulate if frozen at 32°F

Incompatibility (materials to avoid): N/A

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). If dried resin is burned, produces a dense black smoke and noxious gases (carbon monoxide and hydrocarbons)

Hazardous polymerization:        May occur   x   Will not occur

Conditions to avoid: N/A



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

N/A

-----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.

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

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