



MATERIAL SAFETY DATA SHEET

Form

F 7.3.29

Rev: **B**
Page: **1 of 5**
Date: **01/25/07**

MATERIAL SAFETY DATA SHEET

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

TRADE NAME (as labeled): **LATICRETE® SpectraLOCK™ Part B**

CHEMICAL FAMILY: Epoxy Resin

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

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

Date prepared or revised: 12/2011 Name of preparer: S.B. Fine

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

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	25085-99-8	45-52	N/A	N/A	N/A
Reaction product: Bisphenol F-(epichlorhydrin); epoxy	28064-14-4	10-17	N/A	N/A	N/A
Alkyl(C12-14) glycidyl ether	68609-97-2	7-14	N/A	N/A	N/A
Xylenes	1330-20-7	0.1-0.2	100 ppm	100 ppm	N/A

N/A = Not applicable or available

	Form	F 7.3.29
	MATERIAL SAFETY DATA SHEET	
		Rev: B Page: 2 of 5 Date: 01/25/07

----- III. HEALTH HAZARD INFORMATION -----

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: May cause irritation of respiratory tract.

Contact with skin or eyes: Minor transient irritation for eye contact. No corneal injury likely. May cause allergic skin reaction. Prolonged exposure not likely to cause skin irritation. Skin sensitizer

Absorbed through skin: Not likely to absorb through skin in toxic amount in a single prolonged exposure. LD 50 for skin absorption for rabbits = 20,000 mg/kg.

Swallowed: Causes gastrointestinal irritation and possible burns if swallowed.

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: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Remove product and immediately flush affected area with water for at least 15 minutes. Remove contaminated clothing and shoes. Launder contaminated clothing prior to reuse. See a physician if irritation persists.

Inhaled: Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g. mouth-to-mouth). Supplemental oxygen may be indicated. Prevent aspiration of vomit. Turn victim's head to the side. Seek medical advice.

Swallowed: If swallowed, call a physician immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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

Flash Point method): Non-flammable

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:



MATERIAL SAFETY DATA SHEET

Form

F 7.3.29

Rev: **B**
Page: **3 of 5**
Date: **01/25/07**

foam

dry chemical

Special fire fighting procedures: Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus. If water pollution occurs, notify appropriate authorities.

Unusual fire and explosion hazards: May generate toxic or irritating combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent. May generate carbon monoxide gas. May generate toxic nitrogen oxide gases. May generate ammonia gases. Personnel in vicinity and downwind should be evacuated.

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

Spill response procedures (include employee protection measures): Wear goggles and face shield. Stop the leak, if possible. Ventilate the space involved. Soak up in absorbent material or scrape up. Residual can be removed with hot water and a nonionic surfactant. Construct a dike to prevent spreading (includes molten liquids until they freeze). Collect run-off water and transfer to drums or tanks for later disposal.

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-----

Store in cool areas. Excess heating over long periods of time degrades the resin

----- 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.

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

Vapor density (air=1): N/A

Melting point or range, °F: >32



MATERIAL SAFETY DATA SHEET

Form

F 7.3.29

Rev: **B**
Page: **4 of 5**
Date: **01/25/07**

Specific gravity: 1.12 g/cc

Boiling point or range, °F: >212

Solubility in water: soluble

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

Vapor pressure, mmHg at 20°C: N/A

Appearance and odor: opaque liquid.

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: Stable at ambient temperatures. Excess heating over long periods of time degrades the resin.

Incompatibility (materials to avoid): Bases.

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials).

Incomplete pyrolysis or combustion results in phenolics, carbon monoxide, carbon dioxide, and water. Thermal decomposition should be traced as a potentially hazardous substance.

Hazardous polymerization: May occur X Will not occur

Conditions to avoid: N/A

XI. Toxicology Information

Acute Dermal Toxicity (LD50, Rabbit) >20,000 mg/kg

XII. Ecological Information

N/A

XIII. Disposal Information

Dispose in compliance with local, state, and federal regulations.

XIV. Transport Information

Proper Shipping Name: Environmentally Hazardous Substance Liquid, n.o.s. - Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers and Bisphenol F-(epichlorhydrin); epoxy resin) 9 UN3082 PG III

EMS Number: F-A,S-F

Marine pollutant.: Yes

For DOT non-bulk, the MARINE POLLUTANT and Class 9 label is not required on a combination packaging for liquids, inner packagings not over 5.0 L (1.3 gallons) net capacity each packed in

	Form	F 7.3.29
	MATERIAL SAFETY DATA SHEET	

Rev: **B**
Page: **5 of 5**
Date: **01/25/07**

strong outer packaging. However package may not exceed 30 kg (66 lbs) per package. If so the Marine Pollutant and Class 9 Label must be applied along with the Proper Shipping Name and UN number.

For IMDG non-bulk, the MARINE POLLUTANT and Class 9 label is not required on a combination packaging for liquids, inner packagings not over 5.0 L (1.3 gallons) net capacity each packed in strong outer packaging, and the limited quantity Diamond Label must be applied to the package. The package may not exceed 30 kg (66 lbs) per package. If so the Marine Pollutant and Class 9 Label must be applied along with the Proper Shipping Name but no Limited Quantity Diamond Label and UN number.

ICAO/IATA REGULATED Do not ship by air

-----XV. Regulatory Information-----

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances.
This product contains a chemical known to the State of California to cause cancer or reproductive harm.

HMIS Ratings Health – 1 Flammability – 0 Reactivity – 0 Personal Protection - B

-----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.