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	MATERIAL SAFETY DATA SHEET	
		Rev: B Page: 1 of 5 Date: 01/25/07

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

TRADE NAME (as labeled): **LATICRETE® SpectraLOCK Pro Part A**

CHEMICAL FAMILY: Epoxy hardener

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: 6/2010 Name of preparer: S.B. Fine

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

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Polyamine polymer	N/A	30-40	N/A	N/A	N/A
Poly[oxy(methyl-1,2-ethanediyi)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-Tetraethylenepentamine	9046-10-0 112-57-2	2-4 0-2	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)

Repeated and/or prolonged exposures may result in: adverse eye effects (such as conjunctivitis or corneal damage).

Effects from inhalation of vapors may be delayed.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Contact with eyes causes severe irritation and pain. Burns of the eye may cause blindness. Inhalation of aerosols of chemically similar material in rats resulted in deaths during administration and in transient central nervous system symptoms, including lethargy, ataxia, tremors, and convulsions.

SUSPECTED CANCER AGENT?



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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. Remove stomach contents by gastric suction or induct vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

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

Flash Point method): >212 °F

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:
 foam dry chemical

Ignition will give rise to a Class B fire. In case of fire use: Water streams.

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.



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----- 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. Reduce vapor spreading with a water spray. Shut off or remove all ignition sources. 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.): Wear goggles and face shield. If recovery is not feasible, admix with dry soil, sand or non-reactive absorbent and place in an appropriate chemical waste container. Transfer to containers by suction, preparatory for later disposal. Place in metal containers for recovery or disposal. Flush area with water spray. Clean-up personnel must be equipped with self contained breathing apparatus and butyl rubber protective clothing. For large spills, recover spilled material with a vacuum truck.

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

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

Keep away from: acids, oxidizers. Keep in cool, dry, ventilated storage and in closed containers. Product may partially freeze with extended exposure to cold temperatures. Product should be stored at temperatures above 40 degrees F.

----- 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



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Conditions to avoid: N/A

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

Acute Oral Toxicity (LD50, Rat) >2000 mg/kg
Acute Dermal Toxicity (LD50, Rabbit) >2000 mg/kg
Sensitization has occurred in laboratory animals after repeated doses.

-----XII. Ecological Information-----

Daphnia Magna EC50 >10 mg/liter after 24 hours
Daphnia Magna EC50 >1.21 mg/liter after 48 hours
Not biodegradable

-----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. This product has been approved under Ministerial Condition NSN 16024 for Canada. It is not on the Australian AICS, Japanese ENCS, or Philippines PICCS. It may not be exported to those countries.

-----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.



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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

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

Date prepared or revised: 1/10 Name of preparer: S.B. Fine

II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Polymer of Bisphenol A and Epichlorohydrin Alkyl glycidyl ether	25085-99-8	45-55	N/A	N/A	N/A
Bisphenol F diglycidly ether	68609-97-2 28064-14-4	7-12 10-15	N/A N/A	N/A N/A	N/A N/A
l-Methyl-2-pyrrolidone	872-50-04	0.1-0.3	10 ppm	N/A	N/A
Glycols polyethylene mono [(1,1,3,3-tetramethylbutyl)phenyl] ether	9036-19-5	0.1-0.3	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.

Inhaled: May cause irritation of respiratory tract.



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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?

x 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 _____ x carbon dioxide _____ other:
 x foam _____ x 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.



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----- 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

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.



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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-----


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.
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-----

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MATERIAL SAFETY DATA SHEET

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

TRADE NAME (as labeled): LATICRETE® SpectraLOCK Part C

CHEMICAL FAMILY: Proprietary Blend

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: 9/10 Name of preparer: S.B. Fine

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

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Silica Sand	14808-60-7	50 - 90	50 micro g/m ³	10 mg/m ³	N/A
Aluminum Oxide	1344-28-1	0 - 4	10 mg/m ³	15 mg/m ³	N/A
Titanium Dioxide	13463-67-7	0 - 12	10 mg/m ³	15 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) Inhaled: Symptoms are dyspnea-caused by many lung scars that develop from the dust-pain in chest, decreased vital Chronic lung scarring leads to a progressive massive fibrosis that is often accompanied by increased susceptibility to the risk of impaired health due to a combination of smoking and dust exposure. Persons with reduced pulmonary function may be at increased risk.

capacity and cough. Inhalation of the dust can cause silicosis and may cause lung cancer depending on duration and level of exposure

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects) Eye contact may cause eye irritation. Inhalation of dust may cause lung irritation.

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: If irritation occurs, remove affected clothing and wash the skin exposed.

Inhaled: Remove to fresh area. For extreme respiratory distress, administer oxygen.

Swallowed Refer to physician

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

Flash Point method): Non Flammable or combustible

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: Wear self-contained breathing apparatus with full face piece and protective clothing.

Unusual fire and explosion hazards: This product may form explosive dust clouds in air.

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

Spill response procedures (include employee protection measures): Clean up with dustless method (use vacuum or wet sweeping). Wear NIOSH approved dust mask, safety glasses, gloves.

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 dry area.

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

Ventilation and engineering controls: normal ventilation

Respiratory protection (type): NIOSH approved disposable dust mask if PEL is exceeded

Eye protection (type): safety glasses

Gloves (specify material): cloth or impermeable gloves

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Other clothing and equipment: long sleeved clothing

Work practices, hygienic practices: normal good housekeeping

Other handling and storage requirements: keep away from strong alkalis and oxidizers

Protective measures during maintenance of contaminated equipment: Wear NIOSH approved dust mask, safety glasses, gloves

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

Vapor density (air=1): N/A

Melting point or range, °F: N/A

Specific gravity: 2.3

Boiling point or range, °F: N/A

Solubility in water: Insoluble

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

Vapor pressure, mmHg at 20°C: N/A

VOC: 0 lb/gal

Appearance and odor: odorless free flowing colored powder

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: N/A

Incompatibility (materials to avoid): Exposure to hydrofluoric acid or strong alkalis or oxidizers.

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). May release carbon monoxide, carbon dioxide, nitrogen oxide, ammonia upon combustion.

Hazardous polymerization: May occur Will not occur

Conditions to avoid: Exposure to strong oxidizers or alkalis

----- 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.



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-----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 – 2 Flammability – 0 Reactivity – 0 Personal Protection - E

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

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