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

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?
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:
  X  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.
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
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: 1.1 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: Yellow Liquid with Ammonia Odor.

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. Coagulation may occur following freezing, thawing or boiling.

Incompatibility (materials to avoid): Mineral acids (i.e., sulfuric, phosphoric, etc.). Organic acids (i.e., acetic acid, citric acid etc.). Oxidizing Agents (i.e., perchlorates, nitrates etc.) Sodium or Calcium Hypochlorite. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating and explosion. A reaction accompanied by large heat release occurs when the product is mixed with acids. Heat generated may be sufficient to cause vigorous boiling creating a hazard due to splashing or splattering of hot material.

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). Nitrogen oxide can react with water vapors to form corrosive nitric acid (TLV=2 ppm). Carbon Monoxide in a fire. Carbon Dioxide in a fire. Ammonia when heated. Nitrogen Oxides in a fire. Irritating and toxic fumes at elevated temperature. Nitric acid in a fire. The oxides of nitrogen gases (except nitrous oxide) emitted on decomposition are highly toxic.

Hazardous polymerization: May occur  Will not occur
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.
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 ------------------------------------------

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

N/A = Not applicable or available

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?  

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:  

X water spray  

X foam  

X carbon dioxide  

X dry chemical  

X other:

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

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

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

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.
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
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Silica Sand</td>
<td>14808-60-7</td>
<td>50 - 90</td>
<td>50 micro g/m³</td>
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<td>N/A</td>
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<td>Aluminum Oxide</td>
<td>1344-28-1</td>
<td>0 - 4</td>
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<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>0 - 12</td>
<td>10 mg/m³</td>
<td>15 mg/m³</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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 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 ___x 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: 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:

   x water spray
   x carbon dioxide
   x 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
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:  

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:  

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.
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

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.