SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

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

CHEMICAL FAMILY: Epoxy hardener

Manufacturer / Importer / Supplier / Distributor information

MANUFACTURER'S NAME: LATICRETE MIDDLE EAST LLC.
P.O. Box. 86028, Ras Al Khaimah, United Arab Emirates

Phone number for additional information: +971 7 244 6396

Date prepared or revised: 26-04-2017

II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Composition</th>
<th>WT %</th>
<th>CAS No</th>
</tr>
</thead>
<tbody>
<tr>
<td>polyamine polymer poly {oxy(methyl-1,2-ethanediyl)},alpha.-</td>
<td>2 - 8</td>
<td>9046-10-0</td>
</tr>
<tr>
<td>(2-aminomethylethyl)- omega -(2-aminomethyleneoxy)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>2 - 7</td>
<td>112-57-2</td>
</tr>
<tr>
<td>polyamine polymer</td>
<td>35 - 45</td>
<td>42751-79-1</td>
</tr>
<tr>
<td>water</td>
<td>44 - 56</td>
<td>7789-20-0</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)
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?
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. Remove stomach contents by gastric suction or induce 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.
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 ________X will not occur

Conditions to avoid: N/A

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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.

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

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

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XIII. Disposal Information -- --------------------------------
Dispose in compliance with local, state, and federal regulations.

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XIV. Transport Information-----------------

DOT
Not regulated as a hazardous material by DOT.

IATA
Not regulated as a dangerous good.

IMDG
Not regulated as a dangerous good.

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

All ingredients are listed on the U.S. EPA TSCA inventory of chemical substances. This product is not on The Canadian DSL, Australian AICS, Japanese ENCS, or Philippines PICCS. It may not be exported to those countries.

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

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