



Globally Proven  
Construction Solutions

# Safety Data Sheet

## 1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE Root Lock Membrane

MANUFACTURER'S/ DISTRIBUTOR'S NAME: LATICRETE South East Asia Pte Ltd  
38 Sungei Kadut,  
Street 2 (Level2 A3),  
Singapore 729245.

Phone number for additional information: (65) 6515 3028

Date prepared or revised: 23/05/2015

## 2. COMPOSITION INGREDIENTS

| CHEMICAL NAMES                                | CAS NUMBERS         | PERCENT |
|---|---------------------|---------|
| Styrene Copolymer Latex                       | 9003-55-8           | 60-65   |
| Water   | 7732-18-5           | 5-10    |
| Zinc White Paste                              | 1314 -13 -2         | 3- 4    |
| Chlorotolyloxypropionic acid polyglycol ester | 144768-02-5         | 1       |
| Diethylene glycol                             | 111-46-6            | <1      |
| Calcium carbonate                             | 471-34-1            | 20-30   |
| Butadiene acrylate copolymer                  | 9003-55-8;8012-95-1 | 0.45    |

## 3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) : none known.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled : No problem normally anticipated



Globally Proven  
Construction Solutions

Form

Rev: A

Page: 2 of 5

Date: 23/05/2015

# Safety Data Sheet

Contact with skin or eyes : This product may be an eye irritant. It may cause skin irritation upon prolonged or repeated contact.

Absorbed through skin : Skin absorption is unlikely.

Swallowed : Single dose oral toxicity is believed to be low.

SUSPECTED CANCER AGENT?

☒ NO: This product's ingredients are not found in the lists.

## 4. 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 anticipated.

Swallowed : No adverse effects anticipated by this route of exposure incidental to proper Industrial handling.

## 5. FIRE FIGHTING MEASURES

Flash Point method : Non-flammable or combustible

Auto ignition temperature (°C) : N/A

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

Fire extinguishing materials : Water spray, Carbon dioxide, Foam, Dry chemical

Special fire fighting procedures : N/A

Unusual fire and explosion hazards : Closed containers exposed to extreme heat may rupture due to pressure build up.

## 6. ACCIDENTAL RELEASE MEASURES

Spill response procedures (include employee protection measures): Small amount of spilled material may be absorbed onto and appropriate absorbent. Prevent spilled liquid from entering sewers, storm drains and natural waterways. Wear safety glasses and impervious gloves.



**Globally Proven  
Construction Solutions**

# Safety Data Sheet

Preparing wastes for disposal (container types, neutralization, etc.): Place contaminated absorbed material into metal containers and seal.

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

## 7. HANDLING AND STORAGE

Should store in area between 4-40°C

## 8. 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)  | : Chemical goggles or safety glasses  |
| Gloves (specify material)  | : Use 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.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                            |               |
|----------------------------|---------------|
| Vapor density (air=1)      | : N/A         |
| Melting point or range, °C | : N/A         |
| pH                         | : 8 - 9       |
| Specific gravity           | : 1.30 – 1.35 |
| Boiling point or range, °C | : 100         |



Globally Proven  
Construction Solutions

Form

# Safety Data Sheet

Rev: A

Page: 4 of 5

Date: 23/05/2015

Solubility in water : Dispersable

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

Vapor pressure, mmHg at 20°C : 23 hPa

Appearance and odor : Twilight Blue, thick liquid, Slight styrene odor.

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist)

## 10. STABILITY AND REACTIVITY

Stability : Stable

Conditions to avoid : No hazardous reactions are expected to occur under normal industrial conditions.

Incompatibility (materials to avoid) : N/A

Hazardous decomposition 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 : Will not occur

Conditions to avoid : N/A

## 11. TOXICOLOGY INFORMATION

N/A

## 12. ECOLOGICAL INFORMATION


N/A

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

No special labeling or transportation placarding is required.

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|  <p><b>Globally Proven<br/>Construction Solutions</b></p> | <div>Form</div> <div>Safety Data Sheet</div> | <div>Rev: <b>A</b></div> <div>Page: 5 of 5</div> <div>Date: 23/05/2015</div> |
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**15. REGULATORY INFORMATION**

Not classified as dangerous under current regulation.

**16. OTHER INFORMATION**

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