



Globally Proven  
Construction Solutions

# Safety Data Sheet

## 1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE® Hydro Barrier™ Waterproofing 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: 25/03/2015

## 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
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

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



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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 water based product

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.



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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 at temperatures 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 : Should store at temperatures between 40-100 °C

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 : 9-10

Specific gravity : 1.34 – 1.35

Boiling point or range, °C : 100



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Solubility in water : Dispersable

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

Appearance and odor : Light blue colored, 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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**15. REGULATORY INFORMATION**

Not classified as dangerous under current regulation.

**16. 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.