



Globally Proven  
Construction Solutions

# Safety Data Sheet

## 1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): HYDRO BARRIER™

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: 08/03/2023

## 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





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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 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



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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.

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.



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## 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
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



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## 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.

## 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.