



Globally Proven  
Construction Solutions

# Safety Data Sheet

## 1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE® 316 Cementitious Adhesive

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	ACGIH TLV	OSHA PEL
Portland Cement	65997-15-1	30 - 35	10 mg/m <sup>3</sup>	50 mppcf
Silica Sand	14808-60-7	55 - 65	N/A	0.1 mg/m <sup>3</sup>
Additives	Trade secret	<10	N/A	N/A

**N/A = Not applicable or available**

## 3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) : Chronic Bronchitis, possible silicosis, or cancer if exposed to greater than permissible limits for a prolonged period of time.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled : Irritation of nose, cough, labored breathing, expectoration  
Contact with skin or eyes : Irritation of eyes, skin sensitization  
Absorbed through skin : N/A  
Swallowed : Expectoration



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SUSPECTED CANCER AGENT?

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

## 4. FIRST AID MEASURES

Eye Contact : Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact : Promptly wash contaminated skin with soap or mild detergent and water.

Inhaled : Move the exposed person to fresh air at once.

Swallowed : If person is conscious, give large quantities of water. After swallowing water, try to get person to vomit. Get medical attention immediately.

## 5. FIRE FIGHTING MEASURES

Flash Point method : Not flammable or combustible

Auto ignition temperature (°C) : N/A

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

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

Special fire fighting procedures : N/A

Unusual fire and explosion hazards : N/A

## 6. ACCIDENTAL RELEASE MEASURES

Spill response procedures (include employee protection measures) : Shovel into pails or drums with covers. Wear appropriate equipment to prevent skin and eye contact; also a dust mask approved by NIOSH.

Preparing wastes for disposal (container types, neutralization, etc.) : N/A

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



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## 7. HANDLING AND STORAGE

Store in a cool dry area.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls : N/A

Respiratory protection (type) : A NIOSH approved dust mask if TLV is exceeded

Eye protection (type) : Chemical goggles or safety glasses

Gloves (specify material) : Use impervious gloves, vinyl or rubber

Other clothing and equipment : Use appropriate clothing to prevent skin contact. Barrier creams will assist in protecting the skin from contamination.

Work practices, hygienic practices : Familiarize the employees with the special handling procedures in this section; also encourage prompt removal of contaminated clothing and washing of contaminated areas.

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

Specific gravity : 1.28

Boiling point or range, °C : N/A

Solubility in water : Insoluble

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

Vapor pressure, mmHg at 20°C : N/A



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Appearance and odor : Grey odorless powder

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 : Keep dry until used.

Incompatibility (materials to avoid) : N/A

Hazardous Decomposition Products : (from burning, heating, or reaction with other materials). N/A

Hazardous polymerization : Will not occur

## 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.

## 15. REGULATORY INFORMATION

Not classified as dangerous under current regulation

## 16. OTHER INFORMATION

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