



## MATERIAL SAFETY DATA SHEET

Reviewed & Approved by,  
Dr. P. Arjunan, Vice President – R&D

### 1. PRODUCT IDENTIFICATION

TRADE NAME : **LATICRETE<sup>®</sup> 320 THICK BED ADHESIVE**

CHEMICAL NATURE : Odourless powders containing granular materials like Silica sand and Portland cement, which is insoluble in water. After mixing with water or admixture, it becomes bonding agent for tile and stone installation.

MANUFACTURER'S NAME : MYK LATICRETE INDIA PVT.  
8-2-703/A, 4<sup>th</sup> floor, Leela Gopal Tower  
Road No-12, Banjara Hills,  
Hyderabad – 500034  
Tel: +91 40 30413100

### 2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Portland Cement	65997-15-1	25-60%	10 mg/m <sup>3</sup>	50 mppcf	N/A
Silica Sand	14808-60-7	40-75%	N/A	0.1 mg/m <sup>3</sup>	N/A

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

### 3. HEALTH HAZARD INFORMATION

Symptoms of over exposure 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 SYSTEMS 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

This product's ingredients are not found in the lists below.

Federal OSHA : NO      NTP : NO      IARC : YES

#### 4. FIRST AID: EMERGENCY PROCEDURES

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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 AND EXPLOSION

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Flash Point : Not flammable or combustible

Auto ignition temperature, °F : N/A

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

Fire extinguishing materials :

Water spray : √ Carbon dioxide : √ Other :N/A

Foam : √ Dry chemical : √

Special fire fighting procedures : N/A

Unusual fire and explosion hazards : N/A

#### 6. SPILL, LEAK AND DISPOSAL PROCEDURES

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Spill response procedures (include employee protection measures): Shovel in to 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.

#### 7. HANDLING AND STORAGE

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Store in a cool, dry area.

#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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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 area.

Other handling and storage requirements : N/A

Protective measures during maintenance of contaminated equipment: See above

## 9. PHYSICAL PROPERTIES

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Vapour density (air =1)	: N/A	Melting point or range, °F	: N/A
Specific gravity @25°C	: 1.5-2.5 g/cc	Boiling point or range, °F	: N/A
Solubility in water	: insoluble	Evaporation rate (Butyl acetate =1)	: N/A

Vapour pressure, mmHg at 20°F: N/A

Appearance and odor : Grey or white odorless powder

HOW TO DETECT THIS SUBSTANCE (Warning properties of substance as a gas, vapor, dust, or Mist): N/A

## 10. REACTIVITY DATA

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Stability : Stable  
Conditions to avoid : Keep dry until used.

Incompatibility (Materials to avoid) : N/A

Hazardous decomposition products (Including combustion products): (from burning, heating or reaction with other materials): N/A

Hazardous polymerization : Will not occur

Conditions to avoid : N/A

## 11. TOXICOLOGICAL INFORMATION

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N/A

## 12. ECOLOGICAL INFORMATION

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N/A

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### **13. DISPOSAL INFORMATION**

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Dispose in compliance with local, state and federal regulations.

### **14. TRANSPORT INFORMATION**

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No special labeling or transportation information is required.

### **15. Regulatory Information**

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All ingredients are listed on the U.S.EPA TSCA inventory of chemical substances.

### **16. Other Information**

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