



## MATERIAL SAFETY DATA SHEET

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

### 1. PRODUCT IDENTIFICATION

TRADE NAME : **LATAPLAST – Gypsum Plaster Exterior**

CHEMICAL NATURE : Odorless sanded powder containing granular materials like Silica sand and Gypsum Hemihydrate, which is poorly soluble in water.

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

### 2. HAZARDS IDENTIFICATION /INFORMATION

Hazard pictograms:



GHS07



GHS05



GHS08

Hazard Statements

: Causes skin irritation.  
Causes serious eye damage.  
Harmful if inhaled. Causes damage to organs (lungs) through prolonged or repeated exposure. May cause cancer

Read instruction carefully. Do not breathe dust. Use in a well-ventilated area. Avoid contact with eyes.

Symptoms of overexposure for each potential route of exposure (Possible Long-term Effects):  
Chronic Bronchitis, possible silicosis, or cancer if exposed to greater than permissible limits for a prolonged period.

#### 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

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

Federal OSHA : NO

NTP: NO

IARC: YES

### **3. HAZARDOUS INGREDIENTS - Composition**

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CHEMICAL NAMES	CAS NUMBERS	PERCENT
Calcium sulfate hemihydrate	10034-76-1	25-75%
Silica Sand	14808-60-7	10 - 30%
Other ingredients	-	1-12 %

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

### **4. FIRST AID: EMERGENCY PROCEDURES**

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**Eye Contact** : Hold eye lids 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. ACCIDENTAL RELEASE MEASURES- SPILL, LEAK, AND DISPOSAL PROCEDURES**

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**Personal Precaution** - Measures Control and suppress dust formation.

**Environmental Precaution Measures** - Prevent powder contaminating drains and watercourses.

Prevent slurry contaminating drains and watercourses. These materials contain high levels of Sulphate, and are subject to national regulatory control for disposal.

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.

## 7. HANDLING AND STORAGE

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### Precautions for safe handling

Avoid breathing dust. Minimize generation of dust. Provide appropriate exhaust ventilation at places where dust is formed. Avoid contact with eyes, skin and clothing. Wear recommended personal protective equipment when handling. (See Section 8)

**Conditions for safe storage, including any incompatibilities:** Store material in a cool, dry, ventilated area, away from excessive heat or sunlight. Keep containers closed when not in use.

## 8. EXPOSURES CONTROL AND PERSONAL PROTECTION

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Occupational Exposure limit for bulk ingredients

CHEMICAL NAMES	ACGIH TLV (8Hrs, TWA)	OSHA PEL (8Hrs, TWA)
Calcium sulfate hemihydrate	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> Respirable 15 mg/m <sup>3</sup> Total Dust
Silica Sand	-	0.1 mg/m <sup>3</sup> Respirable
Perlite	-	4 mg/m <sup>3</sup> Respirable 10 mg/m <sup>3</sup> Total Dust
Calcium Hydroxide	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> Respirable 15 mg/m <sup>3</sup> Total Dust

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 PROPERTIES

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Vapor 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 : Slightly soluble in water (contains soluble sulphate)

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

Vapor pressure, mmHg at 20°C : N/A      pH: ≥ 11

Appearance and odor : Off 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 : Under normal conditions of use, these products are stable and unreactive.

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. TOXICOLOGY INFORMATION

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Toxicological (health) effects - Non-toxic

Information on likely routes of exposure

**Ingestion** - May cause gastrointestinal irritation.

**Inhalation** - Dust may irritate respiratory system. Chronic exposure may result in lung disease.

**Skin contact** - May cause burns, irritation, or dermatitis. (See below)

**Eye contact** - Contact with dust may cause burns and/or mechanical irritation.

Contact with dust may produce itching, rash and/or redness. Repeated or prolonged exposure may result in dermatitis. Due to its alkalinity, material may also cause irritation and/or burns to the eyes and digestive system if ingested.

Acute exposure to airborne dust concentrations in excess of the PEL/TLV may result in coughing and a burning irritation of the nose. Chronic exposure to crystalline silica (a naturally occurring contaminant) in the respirable size has been shown to cause silicosis, a debilitating lung disease, and lung cancer.

### Toxicological data

No toxicological data is available for this product. Toxicological information for components of this product listed below. Acute toxicity

Calcium sulfate hemihydrate: Oral LD50 (rat): >5000 mg/kg

## 12. ECOLOGICAL INFORMATION

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No known negative ecological effects.

Products are sparingly soluble in water, forming a solution/slurry and solidifying.

## 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. W.H.M.I.S Code D.2

## 16. OTHER INFORMATION

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