



MATERIAL SAFETY DATA SHEET

1.PRODUCT IDENTIFICATION

TRADE NAME (as labeled):LATICRETE R 85 Filler Powder; Floor Grout & Joint filler; Tuff Deck Powder; Polymer Fortified Sanded Grouts

CHEMICAL FAMILY: Portland Cement Blend,500,1500

MANUFACTURER'S NAME: MYK LATICRETE INDIA PVT. LTD.

8-2-703/A, 4th floor Leela Gopal Towers

Road No-12, Banjara Hills, Hyderabad – 500034

Tel: +91 40 30413100

Reviewed & Approved by

Dr.P.Arjunan

Vice President – R&D

II.HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Portland Cement	65997-15-1	31%	10 mg/	50 mppcf	N/A
*Silica Sand	14808-60-7	>1%	N/A	0.1mg/m3	N/A
+Copper Phthacocyanine	147-14-8	0-2%	N/A	N/A	N/A
*,+Barium Chloride	10361-37-2	0-0.5%	0.5mg/cu m as Ba;	0.89mg/cu m as	N/A
			Barium chloride		

W.H.M.I.S. Class D.2

*IARC Monograph on the Evaluation of the Carcinogenic Risk of chemicals to Humans(volume 42,1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and there is limited evidence of the carcinogenicity of crystalline silica to humans.

** Carbon Black is classified by the IARC as 2 B,Possibly carcinogenic to humans.

+ Must report under SARA title 111 section 313.

- Must report under SARA Title 111: Section 311/312 (Hazard Category 1- Acute Hazard)

N/A = Not applicable or available

III.PHYSICAL PROPERTIES

Vapour density (air =1): .N/A

Melting point or range, F: N/A

Specific gravity: Approx.15 lb/gal.

Boiling point or range, F: N/A

Solubility in water: Insoluble

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

Vapour pressure,mm Hg at 20 C: Omm

Appearance and odor:Grey, white or colored powder; odorless

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

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IV. FIRE AND EXPLOSION

Flash Point, F (give method): Not flammable or combustible.

Auto ignition temperature, F: N/A

Flammable limits in air, volume % : N/A

Lower (LEL) _____ Upper (UEL)

Fire extinguishing materials: N/A

_____ water spray

_____ carbon dioxide other:

_____ foam

_____ dry chemical

Special fire fighting procedures: N/A

Unusual fire and explosion hazards: None.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure

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.

HEALTH EFFECTS OR RISKS FROM EXPOSURE. Explain in lay terms . Attach extra page if more space is needed:

Acute: Irritation of mucous membrane.

Chronic: Chronic Bronchitis.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. 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.

SUSPECTED CANCER AGENT ?

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

YES: _____ Federal OSHA _____ NTP _____ 2B _____ IARC

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/A

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_____ **VI. REACTIVITY DATA** _____

Stability: _____ Stable _____ Unstable

Conditions to avoid: Keep dry until used.

Incompatibility (material to avoid): N/A

Hazardous decomposition products (including combustion products): None

Hazardous polymerization: _____ May occur _____ Will not occur

Conditions to avoid: N/A

_____ **VII. SPILL, LEAK, AND DISPOSAL PROCEDURES** _____

Spill response procedure (include employee protection measures): Wear appropriate equipment to prevent Skin and eye contact: also a dust mask approved by NIOSH.

Preparing wastes for disposal (container types, neutralization, etc.): Sweep and/or Shovel into pails or Drums with covers.

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

_____ **VIII. SPECIAL HANDLING INFORMATION** _____

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. Barries creams will assits
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: Store in a dry area.

Protective measures during maintenance of contaminated equipment: Wear gloves to prevent skin
Contamination, also wear safety glasses and a NIOSH approved dust mask.