

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): Tile Grout 350

CHEMICAL FAMILY : Portland Cement Grout 350 Series

MANUFACTURER'S NAME : **PANKAJ PETROCHEMICAL PVT. LTD.**

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II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Portland Cement	65997-15-1	25-35	10 mg/m ³	50 mppcf	N/A
Dolomitic Limestone	16389-88-1	50-60	10 mg/m ³	5 mg/m ³	N/A
+Copper Phthalocyanine	147-14-8	0-3	N/A	N/A	N/A
Aluminum Oxide	1344-28-1	0-3	10 mg/m ³	15 mg/m ³	N/A
** Lithium Carbonate	554-13-2	0-0.02	N/A	N/A	N/A
*** Carbon Black	1338-86-4	0-2	3.5 mg/m ³	3.5 mg/m ³	N/A

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

- There are extremely small but detectable amounts of substances regulated under California's Safe Drinking water and Toxic Enforcement Act (Proposition 65) – Arsenic – less than 2 ppm - Cadmium – less than 2ppm - Chromium (VI) – less than 0.1 ppm - Lead – less than 4 ppm

These levels are “typical” quantities and may change slightly with different lots. The term “less than” Indicates the substance was detected, but the amount was less than the quantifiable limit.

- This product must be reported under section 313 of the emergency Planning and Community Right – To- Know Act of 1986 and 40 CFR 372.

** California Proposition 65: On 1 January 1991 the State of California added lithium carbonate to its list “Chemicals known to the State to cause reproductive toxicity.” In California workers exposed to lithium carbonate must be warned as follows: “Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.”

*** Carbon Black is Classified by the IARC as 2B, possible carcinogenic to humans.

N/A = Not applicable or available

III. PHYSICAL PROPERTIES

Parameter	Results
Appearance	Pigmented Freeflow Powder
Mixing Ratio (Part A : Part B)	3:1 (Water)
Bulk Density	1300 Kg/mm ³
Mixed Density	1600±50 Kg/mm ³
Pot Life	45 minutes
Sag Resistant	24 Hours
Light Foot Traffic	≥3 Hours

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

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LATICRETE @ Polymer Fortified Wall Grouts, Dry Set Wall Grout.

IV. FIRE AND EXPLOSION

Flash Point, F (give method): Not flammable 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: Self contained breathing apparatus with full faceplate and protective Clothing.

Unusual fire and explosion hazards: Upon Combination may release carbon monoxide, carbon dioxide, Nitrogen oxides, ammonia

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Can irritate the upper respiratory system.

Contact with skin or eyes: When in contact with moisture or mixed with water becomes highly Caustic and can cause burns (as severely as third degree)

Absorbed through skin: N/A

Swallowed: When in contact with moisture or mixed with water becomes highly caustic and can cause Cause burns (as severely as third degree).

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

Acute: May cause skin or eye burns when exposed to moisture or mixed with water.

Chronic: May cause inflammation of the lining tissue of the interior of the nose and inflammation of the Cornea. Hypersensitive individuals may develop an allergic dermatitis.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Flush eyes with plenty of water for 15 minutes. See a physician promptly.

Skin Contact: Wash from skin with soap and water. If irritation or inflammation occurs seek prompt medical attention

Inhaled : Remove from the exposure area. If cough or other respiratory symptoms develop, consult a physician.

Swallowed: Seek 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

LATICRETE Super Flexible Mortar Additive 333

VI. REACTIVITY DATA

Stability: _____X_____ 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): Clean up with water or absorb
On inert material. Spilled material may be slippery.

Preparing wastes for disposal (container types, neutralization, etc.): Soak up with absorbent material
Store in pails or drums. Bury in approved landfill or burn solid waste in an adequate incinerator. If enters Sewer
systems, flush with large amounts of water

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

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: Normal room ventilation

Respiratory protection (type): Not needed for most conditions.

Eye protection (type): safety glasses

Gloves (specify material): impervious

Other clothing and equipment: Wear clean, long – sleeved, body covering clothing.

Work practices, hygienic practices: Normal good housekeeping

Other handling and storage requirements: Should Store at temperatures between 40- 100 F and
Used within 6 months

Protective measures during maintenance of contaminated equipment: Wear safety gloves and
Protective gloves.

