

MATERIAL SAFETY DATA SHEET

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SECTION I

Dispersed Lime Putty Mortar / Spachtel

PRODUCT GROUP

PRODUCTS:

Dispersed Lime Putty Mortar

FORMULA

Ca(OH)₂

SECTION II

INGREDIENTS

MATERIALS

High Calcium Lime

40-50% by weight

Water

40-50% by weight

Aggregate:

10-20% marble, silica, Quartz

SECTION III

PHYSICAL DATA

BOILING POINT:

100 C

PH @ 25C (SATURATED)

> 11

APPEARANCE AND ODOR

White Putty low odor

SECTION IV

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD USED)

None

EXTINGUISHING MEDIA

Not combustible

SPECIAL FIRE FIGHTING PROCEDURES

Fire fighters should avoid all contact with this material. Self contained breathing apparatus approved by NIOSH should be used if this material is present.

UNUSUAL FIRE AND

EXPLOSION HAZARDS

None

SECTION V

SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN

IN HANDLING

AND STORAGE:

Store material in sealed containers in a dry place, away from acids. Protect containers against physical damage.

SECTION VI
HEALTH HAZARD DATA EFFECTS OF OVEREXPOSURE

ACUTE:

EYES: Slaked Lime is a strongly alkaline material: contact with eyes will cause irritation and possible severe corrosion damage.
SKIN: Contact causes irritation and may cause burns to the skin.
INHALATION: Irritating to respiratory tract and can be damaging to the mucus membrane of the upper respiratory tract.
INGESTION: May be corrosive to the digestive tract.

**CHRONIC:
EMERGENCY AND
FIRST AID PROCEDURES:**

EYES: Flush eyes with water for 15 minutes, including upper lids. Call Physician immediately
Skin: Wash contaminated area with large amounts of water. Remove contaminated clothing.
If skin irritation persists-contact PHYSICIAN.

INHALATION:

Remove to fresh air. Contact PHYSICIAN

INGESTION:

Dilute by giving 2 glasses of milk or water to drink, followed by fruit juices, consult PHYSICIAN.

**CARCINOGENCITY OF
INGREDIENTS:**

IARC	NTP	OSHA
Not listed	Not listed	Not listed

**TARGET ORGAN:
MEDICAL CONDITION
WHICH MAY BE
AGGRAVATED:**

LUNGS

Pre-existing upper respiratory and lung disease such as, but not limited to, bronchitis, emphysema and asthma.

**PRIMARY
ROUTE OF ENTRY:**

Inhalation

SECTION VII
REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Contact with boric oxide, acids, fluorine, and many organic materials.

INCOMPATIBILITY: Boric oxide, acids, fluorine, and many organic materials.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VIII
SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE

MATERIAL IS RELEASED

OR SPILLED: Those involved in clean up must use personal protection against skin contact with lime and inhalation of dust or mist (See Section VIII). Keep spilled material away from acids. Carefully pick up the solid with a minimum of dusting and collect in metal containers with covers for disposal. The trace amounts of residue in the spill area can be flushed to the drain, using plenty of water.

WASTE DISPOSAL

METHOD: Add to water, dilute, and flush to the sewer. (Large amounts may require neutralization by acid.) Follow Federal, State and local regulation. Alternately, waste lime can be used for neutralizing plant acid wastes.

SECTION IX
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Provide general ventilation and local exhaust ventilation to meet TLV requirements for lime dust. When dusty condition exists, a NIOSH approved dust respirator may also be needed. In the absence of dust or mist, mechanical exhaust is sufficient.

PROTECTIVE EQUIPMENT :

Wear clean dry rubber gloves, clean body-covering protective clothing and approved eye protection selected for the conditions. An eye wash station and safety shower should be available.