SAFETY DATA SHEET

Revision Date: 08/27/2025

EcoMortar Base

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY/UNDERTAKING

1.1 Product details

Product category	:	Lime-based Building Materials
Product Name	:	EcoMortar Base
Cas-No.	:	
1.2 Application/preparation of the substance	:	Premix Lime Mortar
Restrictions	:	None known
1.3 Details of the Manufacturer/Supplier	:	Meoded Paints & Decoration Inc.
	:	6314 Santa Monica Blvd
	:	Los Angeles, CA 90038
Further Information Obtainable from	:	Info@meodedpaint.com
Contact Phone Number	:	+1 323-308-2600
Fax	:	+1 323-308-2606
1.4 In case of emergency, contact CHEMTREC	:	+1 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture in accordance with (OSHA HCS) 29 CFR 1910, 1200.

Classification	:	Carcinogenicity (Category 1)
	:	Organs (Category 1)
Specific target organ toxicity-repeated exposure		

2.2 Pictogram (GHS-US) :



Signal Word (GHS-US)	:	Danger	
Hazard statement(s) (GHS-US)	:	H335	May cause respiratory irritation.
	:	H350	May cause cancer (inhalation).
	:	H327	Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation).
Precautionary statement(s) (GHS-US)	:	P201	Obtain special instructions before use.
	:	P202	Do not handle until all safety precautions have been read and understood.
	:	P260	Do not breathe dust.

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Precautionary statement(s) (GHS-US)	:	P264	Wash hands, nails, face thoroughly after handling.
	:	P270	Do not eat, drink or smoke when using this product.
	:	P280	Wear protective gloves, protective clothing, eye protection, face protection.
	:	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	:	P305+P351	IF IN EYES: Rinse cautiously with water for several minutes.
	:	P308+P313	If exposed or concerned: Get medical advice/ attention.
Response statement(s) (GHS-US)	:	P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing.
	:	301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	:	P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing.
	:	P363	Wash contaminated clothing before reuse.
	:	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	:	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
Storage Statement(S) (GHS-US)	:	P405	Store locked up.
Disposal Statement(s) (GHS-US)	:	P501	Dispose of contents/container into safe container in accordance with local, regional or national regulations.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Composition/information on ingredients.

Dangerous components.

Component	Cas #	Exposure Limit	
Calcium Hydroxide	1305-62-0	OSHA PEL (Respirable)	15 mg/m^3
		ACGIH TLV (Respirable)	5 mg/m^3
Quartz	14808-60-7	OSHA PEL (Respirable)	0.05 mg/m^3
		ACGIH TLV (Respirable)	0.025 mg/m^3

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Incase of skin contact : Take off immediately all contaminated clothing. Rinse skin with water (15-20 minutes).

If swallowed : Immediately call a doctor. DO NOT INDUCE VOMITING. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspirations.

Incase of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing and seek medical attention if irritation develops or persists.

If inhaled : Remove to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or Doctor/Physician.

SECTION 5: FIRE FIGHTING MEASURES

5.1 General Fire Hazards : This product is non-combustible. It does not emit any toxic substance in case of fire.

5.2 Extinguishing media

Suitable extinguishing media : Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.

Unsuitable extinguishing media : This product is non-combustible.

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5.3 Special hazards arising from the substance or mixture : Dried product may burn under intense heat.

5.4 Special protective equipment : Firefighters should wear protective equipment as required.

5.5 Advice for firefighters : Avoid powders and dust dispersion. Use respiratory equipment Use extinguishing methods taking in to account the local circumstances and the surrounding environment. If possible, avoid discharging the water used for extinguishing fire into the environment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Non emergency personnel : Ensure adequate ventilation. Avoid release of dust as much as possible. Keep away persons not wearing appropriate protective equipment. Avoid all contact with skin, eyes and clothing-wear appropriate protective equipment (see Section 8). Avoid inhaling dust-ensure adequate ventilation or wear respiration masks-wear appropriate clothing (see Section 8).

For emergency responders : Same as non-emergency personal

6.2 Environmental precautions : Do not allow to enter into soil/subsoil. Prevent runoff from contacting public drains, sewers, streams, and water systems.

6.3 Methods and materials for containing and cleaning : Contain spillages. Keep product dry If possible. Use covers to avoid creation of dust, if possible. Avoid large, uncontrolled spillages into waterways and drains (PH increase). Label all receptables where dust has been collected. Impede or limit dust formation and dispersion. Keep product dry if possible. Collect product mechanically and in dry condition. Use vacuum suction unit or shovel into bags. Harden the product before disposal as described in Section 13.

6.4 Notification Procedures : Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air.

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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Consult all the other sections of this SDS. Avoid leakage of the product into the environment. Wear protective clothing to avoid skin or eye contact.

7.2 Conditions for safe storage, including any inculpabilities : Store only in original container. Store the container sealed, in a well ventilated place, away from direct sunlight. Keep containers away from incompatible materials such as; strong acids. Organic matter. Avoid contact with air and moisture.

7.3 Specific end use(s) : Lime-based Building Materials

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

United States. Occupational limits:			
Component	Cas #	Exposure Limit	
Calcium Hydroxide	1305-62-0	OSHA PEL (Respirable)	15 mg/m^3
		ACGIH TLV (Respirable)	5 mg/m^3
Quartz	14808-60-7	OSHA PEL (Respirable)	0.05 mg/m^3
		ACGIH TLV (Respirable)	0.025 mg/m^3

8.2 Exposure controls

Appropriate engineering controls : Use with adequate ventilation to ensure exposure levels are maintained below the limit provided above. Use exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits.

Individual Protective Measures
General information : Personal protective equipment should be chosen according to applicable standards.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure the eyewash stations and safety showers are close to the workstation location.

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Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection Safety glasses with side shields.
Skin protection Hand protection	:	Chemical-resistant, impervious gloves complying with approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazards and the potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training and other important aspects of use.
Environmental exposure controls	:	Environmental manager/supervisor must be informed immediately of all major releases, Avoid unintended release into the environment.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information in basic physical and chemical properties

Form	Mortar Mixture
Color	White/Gray
Odor	Odorless
Odor threshold	Not applicable
PH	12-13
Melting/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower explosive flammable limits	No data available
Vapor pressure	No data available

Vapor density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient (n- octanol water)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Specific gravity (H2O=1)	No data available
VOC:	Not applicable

9.2 Other Information : No relevant additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity : In aqueous media Ca(OH)2 disassociates, forming Calcium cat ions and hydroxyl anions (when below the water solubility limit).

10.2 Chemical stability : The product is stable at ambient temperature and within the normal application and storing conditions.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reaction will not occur.

10.4 Conditions to avoid : Minimize exposure to air and humidity to avoid degradation.

10.5 Incompatible materials : No data available.

10.6 Hazardous decomposition products : None to our knowledge. Complementary information: Calcium hydroxide reacts with Carbon dioxide forming Calcium Carbonate which is a natural occurring material.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute toxicity : Low. Not expected to be toxic under normal use.

Skin corrosion/irritation : May cause slight irritation with prolonged contact.

Eyes : May cause eye irritation.

Respiratory : May cause damage to organs (lungs) through prolonged or repeated exposure (inhalation).

Sensitization : No data available.

Ingestion : Do not ingest. Harmful if ingested.

Reproductive toxicity : No data available.

Teratogenicity : No data available.

Specific target organ toxicity (Single exposure) : Long term exposure to crystalline silica can cause lung injury(silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational exposure source can cause cancer in humans. Risk of injury is dependent on duration and level of exposure. Target organs lungs.

Ingredient name	Category	Route of exposure	Target Organs
Crystalline Silica	1	Inhalation of respirable dust	Lungs

Additional Information : No data available.

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity : The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment (hydroxide ions).

12.2 Persistence and degradability : Not relevant (inorganic substance).

12.3 Bio accumulative potential : Bioaccumulation is unlikely.

12.4 Mobility in soil : Expected to have low mobility once dried or cured.

12.5 Other adverse effect : No data available.

12.6 Aquatic Toxicity : Noec (14d) for seawater invertible : 32 mg/l (Calcium Hydroxide).

Additional Information : Prevent runoff into water bodies.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods : Dispose in a suitable waste treatment facility in compliance with federal, provincial and local regulations.

: Do not allow into sewers or waterways.

: Dried or cured product can typically be disposed of as non-hazardous solid waste.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number : Not regulated

14.2 Transport Hazards Class(es) : Not regulated

14.3 Packing Group : Not regulated

14.4 Environmental Hazard Class(es) : The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

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14.5 Sea Transport : Not regulated

14.6 Air transport : Not regulated

14.7 Special Precautions for (transport) : None

SECTION 15: REGULATORY INFORMATION

15.1 US Federal regulations

OSHA Hazard Communication Standard, (29 CFR 1910.1200) : No data available

15.2 CERLA, section 103 (40 CFR 302.4) : No data available

15.3 CLEAN AIR ACT, section 112 : No data available

15.4 SARA, section 302 (40 CFR 355.30) and section 304 (40 CFR 355.40) : No data available

15.5 SARA, section 311/312 (40 CFR 370.21)

Hazard classes

Fire/Flammability : No

Reactivity : No

Chronic Health Hazard : Yes

Acute Health Hazard : Yes

Release of Pressure : No

15.6 EPA VOC : 0.0 g/l VOC

15.7 California Prop 65.

Crystalline Silica	Cas #	14808-60-7

Additional Information: : This product contains Silica, Crystalline (Quartz) that is known to the state of California to cause cancer or other reproductive harm.

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SECTION 16: OTHER INFORMATION

16.1 Full text of H-Statements referred to under sections 2 and 3.

	HMIS Hazard ID	Required Equipment
HEALTH	3	
FLAMMABILITY	0	
REACTIVITY	0	
PERSONAL PROTECTION	E	Safety glasses, Gloves, Respirator

16.2 Meoded Paint and Decoration provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using the product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose. Meoded Paint and Decoration makes no representation or warranties, either express or implied, including without limitation any warranties of merchantability fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Meoded Paint and Decoration will no be responsible for damages resulting from use of or reliance upon this information.

END OF SDS SHEETS