

MATERIAL SAFETY DATA SHEET

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SECTION 1 – IDENTITY INFORMATION

PRODUCT NAME: MAINSTAY ML-72
CHEMICAL FAMILY: Microsilica Cement Mortar
USES: Restoration of structural integrity of concrete structures
SUPPLIER: Madewell Products Corporation

SECTION 2 – HAZARDOUS IDENTIFICATION

Skin Contact: Exposure to wet blended cement may cause burns or an allergic reaction.
Eye contact: Exposure to airborne dust may cause immediate or delayed irritation or inflammation. Exposure to large amount of dry powder or splashes of wet blended cement may cause effects ranging from moderate eye irritation to chemical burns and blindness. See section 4 immediate first aid.
Inhalation: Acute, short term exposure; mild and temporary discomfort to respiratory tract similar to nuisance dust. Excessive inhalation of crystalline silica is a serious health concern.
Ingestion: Not listed..

This products is classified as hazardous as defined with the OSHA Hazard Communication Standard 29CFR1910.1200.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	%	CAS#	ACGIH TLV	OSHA PEL
Portland Cement	25-30	65997-15-1	10 mg/M3	Resp dust 5 mg/M3
Silca (Crystalline)	60-70	14808-60-7	0.1 mg/M3 Resp. Dust	.01 mg/M3 Resp. Dust

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Immediately flush with large amounts of water for 15 minutes. Immediately seek medical help.
Skin Contact: Wash thoroughly with pH-neutral or mild soap and water. Seek medical treatment in all cases of prolonged exposure to wet blended cement.
Inhalation: Remove victim to fresh air. Seek medical help if coughing or other symptoms do not subside.

Ingestion: Drink water. Do not induce vomiting. DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability Classification: Not flammable

Flash Point: None

Extinguishing Media: Not combustible.

Unusual Fire and Explosion Hazards: None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Collect dry material using a scoop. Avoid actions that cause dust to become airborne.

Avoid inhalation of dust and contact with skin.

Scrape up wet material and place in an appropriate container. Allow the material to dry before disposal. Do not attempt to wash blended cement down drains. Dispose of in accordance with applicable local and federal environmental control regulations.

SECTION 7 - HANDLING AND STORAGE

Keep dry until used. Promptly remove dusty clothing or clothing which is wet with blended cement fluids and launder before reuse. . Avoid prolonged or repeated breathing of dust.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection: Industrial safety glasses as necessary to comply with 29 CFR 1910.133 as dictated by work area conditions.

Skin Protection: Impervious coveralls, rubber safety boots, cap and rubber gloves.

Apply barrier cream to exposed areas of face.

Respiratory Protection: Full face piece respiratory units required when spraying this material, combination filter/organic vapor cartridges or canisters may be used. TVL (PEL) use NIOSH/OSHA self contained breathing apparatus.

Engineering Controls: Provide sufficient ventilation through local exhaust.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	SOLID POWDER
SPECIFIC GRAVITY	2.95-3.10
BOILING POINT	NOT APPLICABLE
VAPOR PRESSURE	NOT APPLICABLE
ODOR	NO DISTINCT ODOR
% VOLATILE	NOT APPLICABLE
SOLUBILITY IN WATER	SLIGHT (0.1-1.0%)

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable. Keep dry until used

Conditions to Avoid: Aluminum powder and other alkali and alkaline earth elements will react in wet mortar or concrete, liberating hydrogen gas.

Hazardous Decomposition Products: None.

Hazardous Polymerization Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

None listed.

SECTION 12 - ECOLOGICAL INFORMATION

None listed.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal: Small amounts can be disposed of as common waste or returned to the container for later use if it is not contaminated. Large volumes may require special handling.

SECTION 14 - TRANSPORT INFORMATION

Not Regulated

SECTION 15 - REGULATORY INFORMATION

SARA Title III Section 311/312 (40CFR370): Delayed health effects.

SARA Title III Section 313 (40CFR372): No Reportable Components.

CERCLA Status (40CFR302): No reportable Quantity components.

TSCA Inventory Status: Reported/included

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Harm

SECTION 16 - OTHER INFORMATION

HMIS Ratings:	Health:	1
	Flammability	0
	Reactivity:	0

Using the product safely requires the user to recognize that blended cement chemically reacts with water, and that some of the intermediate products of this reaction pose a more severe hazard than does blended cement itself.

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