

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

TRADE NAME: Mainstay ML-PF

MANUFACTURER:

Madewell Products Corporation
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Alpharetta GA 30004
Phone: (770) 475-8199
Emergency: PERS 1-800-633-8253

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Ratings:

There are no GHS ratings that apply to this product at this time

GHS Hazards

There are no GHS hazards that apply to this product at this time

GHS Precautions

There are no GHS precautions that apply to this product at this time

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
cement, alumina, chemicals	65997-16-2	50.00% - 60.00%
CALCIUM ALUMINATE	12042-68-1	30.00% - 40.00%
SILICON DIOXIDE	69012-64-2	1.00% - 5.00%

SECTION 4: First Aid Measures

First-aid measures after inhalation:

If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First-aid measures after eye contact:

Immediately rinse with water for a prolonged period while holding the eyelids wide open. Seek medical attention if material is embedded in eye. If eye irritation persists, get medical advice and attention.

First-aid measures after skin contact:

Rinse immediately with plenty of water. Gently wash with plenty of soap and water. Obtain medical attention if irritation persists.

First-aid measures after ingestion:

If swallowed, wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects both acute and delayed:

Symptoms/injuries after inhalation:

May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/Injuries after skin contact:

Prolonged contact with large amounts of dust may cause mechanical irritation. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/injuries after eye contact:
Redness, pain.

Symptoms/injuries after ingestion:
Abdominal pain.

Chronic symptoms:
Respiratory difficulties. May cause cancer.

SECTION 5: Fire-Fighting Measures

Flash Point: N/A

LEL: N/A

UEL: N/A

Extinguishing media: Use extinguishing media appropriate for surrounding fire.

Special hazards arising from the substance or mixture:

Not Flammable

No particular fire or explosion hazard.

No specific data.

Advice for firefighters:

Fight the fire with normal precautions from a reasonable distance.

Use normal individual fire protective equipment.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Do not breathe dust. Avoid generation of dust during clean-up of spills. Recover the product by vacuuming, shovelling or sweeping.

Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up.

Wear suitable protective clothing, gloves and eye/face protection. Use recommended respiratory protection.

Environmental precautions: Prevent entry to sewers and public waters.

SECTION 7: Handling and Storage

Precautions for safe handling:

Do not breathe dust. Avoid creating or spreading dust.

Conditions for safe storage, including any incompatibilities:

Store tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep bulk and bagged product dry until used. Stack bagged material in a secure manner to prevent falling. Bagged material is heavy and poses risks such as sprains and strains to the back, arms, shoulders, and legs during lifting and mixing. Handle with care and use appropriate control measures.

SECTION 8: Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
cement, alumina, chemicals 65997-16-2	Not Established	Not Established	Not Established
CALCIUM ALUMINATE 12042-68-1	Not Established	Not Established	Not Established
SILICON DIOXIDE 69012-64-2	Not Established	Not Established	Not Established

Exposure controls: Ensure adequate ventilation, especially in confined areas. Avoid dust production.

Personal protective equipment:

Protective goggles. In insufficient ventilation, wear respiratory protection or self-contained breathing apparatus.

Hand protection: Impermeable protective gloves.

Eye protection: Protective goggles.

Skin and body protection: Handle in accordance with good industrial hygiene and safety practices. Wash your hands immediately after handling this product, and again before leaving the workplace. Wear suitable protective clothing and wash contaminated clothing before reuse.

Respiratory protection: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentration of dust are expected to exceed exposure limits.

SECTION 9: Physical and Chemical Properties

PHYSICAL STATE: SOLID

APPEARANCE: CRYSTALLINE POWDER

COLOR: NATURAL

ODOUR: ODOURLESS

ODOUR THRESHOLD: NO DATA AVAILABLE

pH: <11.5

RELATIVE EVAPORATION RATE: NO DATA AVAILABLE

MELTING POINT: 1440C

FREEZING POINT: NO DATA AVAILABLE

BOILING POINT: NO DATA AVAILABLE

FLASH POINT: NO DATA AVAILABLE

SELF IGNITION TEMPERATURE: NO DATA AVAILABLE

DECOMPOSITION TEMPERATURE: NO DATA AVAILABLE

FLAMMABILITY (SOLID,GAS): NO DATA AVAILABLE

VAPOUR PRESSURE: NO DATA AVAILABLE

RELATIVE VAPOUR DENSITY AT 20C: NO DATA AVAILABLE

RELATIVE DENSITY: NO DATA AVAILABLE

DENSITY: 2.65-3.0 (APPROXIMATE)

SOLUBILITY: WATER/INSOLUBLE

LOG POW: NO DATA AVAILABLE

LOG KOW: NO DATA AVAILABLE

VISCOSITY: NO DATA AVAILABLE

EXPLOSIVE PROPERTIES: NONE KNOWN

OXIDISING PROPERTIES: NONE KNOWN

EXPLOSIVE LIMITS: NO DATA AVAILABLE

SECTION 10: Stability and Reactivity

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical stability: Stable under normal temperature and pressure.

Incompatible materials: Avoid strong oxidizers.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: None known.

Hazardous decomposition products: Quartz (silica) will dissolve in hydrofluoric acid producing a corrosive gas, silicon tetrafluoride.

SECTION 11: Toxicological Information

Mixture Toxicity

Component Toxicity

Effects of Overexposure

Information on toxicological effects

Acute Oral Toxicity: Not classified

Acute Dermal Toxicity: May cause skin irritation

Acute Inhalation Toxicity: Not classified

Serious Eye Damage/Irritation: May cause serious eye damage

Carcinogenicity: May cause cancer (inhalation)

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity - single exposure: May cause respiratory irritation

Specific Target Organ Toxicity - repeated exposure: Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (inhalation)

Aspiration Hazard: Not classified.

CAS Number

Description

% Weight

Carcinogen Rating

None

N/A

SECTION 12: Ecological Information

Toxicity

Persistence and degradability: Not readily biodegradable

Bioaccumulative potential: Not expected to bioaccumulate

Mobility in soil: Not available

Other adverse effects: No additional information available

Component Ecotoxicity

SECTION 13: Disposal Considerations

Waste treatment methods: Nonhazardous waste. Dispose of according to official regulations.

SECTION 14: Transport Information

Not regulated.

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Title III Section 311/312 (40CFR370): Immediate (acute) health hazard, Delayed (chronic) health hazard

SARA Title III Section 313 (40CFR372): This product may contain constituents listed under SARA (Title III) Section 313, but not in amounts requiring supplier notification under 40 CFR Part 372 Subpart C

CERCLA Status (40CFR302):

RCRA Status (40CFR261):

OSHA/NTP/IARC Carcinogen Status: Prop 65 California contains chemicals known to the State of California to cause cancer

TSCA Inventory Status: Listed

Canadian DSL Status: Domestic substances list

Canadian WHMIS Status: Class D Division 2 Subdivision A. Toxic material causing other toxic effects

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

Country

Regulation

All Components Listed

EU Risk Phrases

Safety Phrase

SECTION 16: Other Information

HMIS ratings:

Health: 2*Moderate hazard

Flammability:0

Physical: 0

Personal Protection: E

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Reviewer Revision

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