

SAFETY DATA SHEET

1. Identification

Product Identifier Master Wholesale Rapid Floor Underlayment
Other means of identification None
Recommended use: Fast setting flooring Underlayment
Recommended restrictions Workers and customers should be informed of the presence of respirable dust and respirable crystalline silica and their potential hazards.

Manufacturer/Importer/Supplier/Distributor information

Company Name Master Wholesale, Inc.
Company Address 520 S. Front St.
Seattle, WA 98229
Telephone (206) 767-6771
Contact person Blake Adsero
Website www.masterwholesale.com
Emergency phone number Contact Master Wholesale (800) 938-7925 7 days a week

2. Hazard(s) identification

Physical hazards Not classified
Health hazards Skin corrosion/irritant Category 2
Serious eye damage/eye irritation Category 1
Sensitization, skin Category 1
Carcinogenicity (inhalation) Category 1A
Specific target organ toxicity Category 2 (Lung by repeated exposure)
OSHA defined hazards Not classified
Pictograms



Signal word Danger
Hazard statement Causes skin irritation. May cause serious eye damage. May cause an allergic skin reaction. May cause cancer. May cause damage to organs (Lung) through prolonged or repeated exposure.

Precautionary statement

Prevention	Do not breathe dust. Wash thoroughly after handling. Wear protective rubber gloves, protective clothing, and tight-fitting eye protection. Wear OSHA approved respirator for silica dust.
Response	If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
Storage	Store in cool dry place in sealed container.
Disposal	Dispose of contents in accordance with the regulations of your city/county and state.
Hazards not otherwise classified	None known.

3. Composition/information on hazardous ingredients

Mixtures

Chemical name	CAS number	%
Silica Sand	14808-60-7	55 - 65% *
Portland Cement	65997-15-1	20 - 30% *
Calcium Aluminate Cement	65997-16-2	5 - 10% *
Lithium Carbonate	554-13-2	.05 - .1% *

(* exact percentages withheld as a trade secret)

4. First-aid measures

Inhalation	Move victim to a location with fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact	Wash with soap and water. Seek medical attention if skin rash occurs.
Eye contact	Irrigate eyes with clean water. Seek medical attention if irritation persists.
Ingestion	Rinse mouth with water. Seek medical attention if symptoms occur.
Specific symptoms of concern	Portland cement mortar can cause alkali burns & dry skin. Dust can irritate the eyes & upper respiratory system. Hypersensitive individuals may develop allergic dermatitis, increase susceptibility to infectious diseases (including tuberculosis).

5. Fire-fighting measures

Suitable extinguishing media	Water fog, foam, dry chemical powder (CO ²).
Unsuitable extinguishing media	None known.

6. Accidental release measures

Personnel precautions	Wear OSHA approved respirator for silica dust, rubber gloves and tight fitting eye protection to avoid excessive contact or inhalation of dust.
Containment procedures	Contain material. Collect spills using dustless method. Uncontaminated material can be returned to container for later use. Clean area with water.
Environmental precautions	Avoid discharge into drains or water courses. Mortar can be disposed of as common waste in unrestricted sanitary landfill.

7. Handling and storage

Precautions for safe handling	Do not breathe dust. Wash thoroughly after handling. Wear protective rubber gloves, protective clothing, and tight fitting eye protection. Wear OSHA approved respirator.
Storage instructions	Store in a cool, dry location in closed container, out of direct sunlight.

8. Exposure controls/personal protection

Occupational exposure limits

<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TWA</u>
Portland Cement	5mg/m ³	1mg/m ³
Silica Sand	250 mppcf/%SiO ₂ +5 10 mg/m ³ /% SiO ₂ +2	0.025 mg/m ³
Calcium Aluminate Cement	5mg/m ³	3mg/m ³
Lithium Carbonate	not established	not established

9. Physical and chemical properties

Appearance & Odor	Gray powder without odor.
Odor threshold	No odor
Upper/lower explosive limits	Not explosive
Boiling Point	N/A
Specific Gravity (H₂O=1)	2.5

pH	11 – 13 (mixed with water)
Relative Density	N/A
Melting/Freezing Point	N/A
Flash Point	N/A
Flammability	Not Flammable
Partition Coefficient	N/A
Decomposition temperature	N/A
Viscosity	N/A
Vapor Pressure (mm Hg.)	N/A
Melting Point:	N/A
Vapor Density (AIR=1)	N/A
Evaporation Rate (Butyl Acetate=1)	<1%
Solubility	Water: 1%

10. Stability and reactivity

Stability	Stable
Conditions to avoid	N/A
Incompatibility (Materials to avoid)	Mineral Acids
Hazardous polymerization	Will Not Occur
Hazardous decomposition or byproducts	CO, CO ² , silicon tetra fluoride (with hydrofluoric acid)

11. Toxicology information

Likely routes of exposure

Inhalation	Dust is a respiratory irritant. May cause coughing and breathing difficulties.
Skin contact	Curing Portland cement is a skin irritant. Avoid prolonged contact with skin as it may cause burns or rashes.
Eye contact	May cause serious eye damage from burns, irritation or abrasion.
Ingestion	May cause gastrointestinal irritation.

Long term exposure concerns There is sufficient evidence for the carcinogenicity of inhaled crystalline silica. Prolonged exposure may cause scarring of lungs, silicosis, lung disease (including tuberculosis).

Carcinogenicity NTP: Yes
IARC Monographs: Yes

12. Other information

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