

SAFETY DATA SHEET


1. Identification

Product Identifier	Master Wholesale Trowelable Polymer Underlayment
Other means of identification	None
Recommended use:	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	45-55%*
Portland Cement	65997-15-1	20-30%*
Calcium Carbonate	471-34-1	20-30%*

(* 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 (CO²).
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

Hazardous Components	OSHA PEL	ACGIH TWA
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 Carbonate	5mg/m ³	3mg/m ³

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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