SAFETY DATA SHEET

Section 1: Identification

Product Name: Belter Repair Mortar
Chemical Name/Synonyms:
Company: Belter Tech
Address: 3020 Commerce Way, Suite D, Atlanta, GA 30354
In an emergency call 911.
For information about this SDS, use this department contact phone#: 844-914-1200

Section 2: Hazard(s) Identification

Hazard Classification:

Acute toxicity	4(ORAL)
Skin irritation	2
Serious eye damage	1
Skin sensitization	1
Carcinogenicity	1A
Specific target organ toxicity	Single exposure 3
Specific target organ toxicity	Repeated exposure 1

Signal Word(s): Danger
Hazard Statements: Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure.
Pictograms:

Precautionary Statements: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust.

Description of other hazards:
If Swallowed: Immediately call a poison center/doctor. Rinse mouth.
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.
If on Skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs, get medical advice/attention. If exposed or concerned get medical advice/attention.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

Storage: Store locked up. Store in a well-ventilated place. Keep the container tightly closed.
Disposal: Dispose of contents and container in accordance with all local, regional, national, and international regulations.

42.3% of the mixture consists of ingredients of unknown acute toxicity.

Section 3: Composition/ Information on Ingredients

Mixtures:

Chemical Name	CAS#	Weight %	
Silica, Crystalline, Quartz	14808-60-7	30 - 60	
Portland Cement	65997-15-1	15 - 40	
Ashes(Residues)	68131-74-8	1 - 5	
Gypsum	13397-24-5	1 - 5	
Calcium Carbonate	1317-65-3	1 - 5	
Magnesium Oxide	1309-48-4	1 - 5	
Trade Secret	Trade Secret	Trade Secret	

Section 4: First-Aid Measures

Skin contact: Causes skin irritation. May cause burns in the presence of moisture. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow products to harden around any body part of allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause sensitization by skin contact.
In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

Eye contact: Causes serious eye damage. May cause burns in the presence of moisture. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
In case of contact, immediately flush your eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Inhalation: May cause raspatory tract irritation.
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Swallowing: Harmful if swallowed. May cause stomach distress, nausea, or vomiting.
If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Treat for surrounding material
Special Hazards Arising from the Chemical: Products of Combustion: May include, and are not limited to: oxides of carbon
Special protective equipment for firefighters: Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: Accidental Release Measures

Personal precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
Measures for cleaning/collecting: Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Vacuum or sweep material and place it in a disposal container.

Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Do not swallow. Good housekeeping is important to prevent accumulation of dust. Avoid generating and breathing dust. The use of compressed air for cleaning clothing, equipment, etc. is not recommended. Handle and open container with care. When using it do not eat or drink. Wash hands before eating, drinking, or smoking. (See section 8). General Hygiene Advice: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Storage: Keep out of the reach of children. Store in dust-tight, dry, labeled containers. Keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable

construction of the storage area. Do not store in an area equipped with emergency water sprinklers. (See section 10).

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL		ACGIH OEL (TLV)	
Portland Cement	15 mg/m3 (total); 5 mg/m3 (resp)		1 mg/m3 (no asbestos and <1% crystalline silica, respirable fraction)	
Gypsum	15 mg/m3 TWA (total dust) 5 mg/m3 TWA (respirable fraction)		10 mg/m3	
Silica, Crystalline, Quartz	((10 mg/m3)/(%SiO2+2) TWA (resp)) ((30 mg/m3)/(%SiO2+2) TWA (total)) ((250)/(%SiO2+5) mppcf TWA (resp))		.025 mg/m3	
Calcium Carbonate	15 mg/m3 (total); 5 mg/m3 (resp)		10 mg/m3	
Magnesium Oxide	15 mg/m3		10 mg/m3	
Ashes (residues)	N/A		N/A	
Trade Secret	Trade Secret		Trade Secret	

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
General protective and hygienic measures: Handle according to established industrial hygiene and safety practices. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.
Breathing equipment: A NIOSH approved dusk mask or filtering face-piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).
Protection of hands: Wear suitable waterproof gloves.
Eye protection: Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

Section 9: Physical and Chemical Properties

Form: Powder
Odor: No distinct odor
Color: Grey
Odor threshold: N/A
pH: 12-13
Melting point/melting range: N/A
Boiling point/boiling range: N/A
Flash point: N/A

Evaporation rate: N/A
Flammability: N/A
Upper/lower flammability or explosive limits: N/A
Auto ignition temperature: N/A
Danger of explosion: N/A
Vapor pressure: N/A
Vapor density: N/A
Relative density: 2.6 - 3.5
Solubility in/Miscibility with water: Slight (0.01 - 1%)

Section 10: Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical stability: Stable under normal conditions. Keep in dry storage.
Conditions to avoid: Incompatible materials. Moisture.
Incompatible materials: None known.
Hazardous decomposition products: May include and are not limited to; oxides of carbon.
Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Section 11: Toxicological Information

Acute toxicity:
Potential routes of exposure/potential health effects

Skin: May cause skin irritation. May cause burns in the presence of moisture. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause sensitization by skin contact.

Eye: Irritating to eyes. May cause burns in the presence of moisture. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Inhalation: May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Acute Toxicity

INGREDIENT	LC50	LD50
Silica, Crystalline, Quartz	N/A	Oral 500 mg/kg, rat
Portland Cement	N/A	N/A
Ashes (residues)	N/A	Oral > 2000 mg/kg, rat
Gypsum	N/A	N/A
Calcium Carbonate	N/A	Oral 6450 mg/kg, rat
Magnesium Oxide	N/A	Oral > 5000 mg/kg, rat
Trade Secret	N/A	Trade secret

Chemical Listed as Carcinogen or Potential Carcinogen

Ingredients	(NTP, IARC, OSHA, ACGIH, CP65)*
Silica, Crystalline, Quartz	G-A2, I-1, N-1, O, CP65
Portland Cement	G-A4
Ashes (residue)	Not listed
Gypsum	Not listed
Calcium Carbonate	Not listed
Magnesium Oxide	G-A4
Ferric Oxide	G-A4, 1-3
Trade Secret	Trade Secret

Skin Corrosion/Irritation: Causes skin irritation. May cause burns in the presence of moisture.

Serious Eye Damage/Irritation: Causes serious eye damage. May cause burns in the presence of moisture.

Respiratory Sensitization: Based on available data, the classification criteria are not met.

Skin Sensitization: May cause an allergic skin reaction.

STOT-Single Exposure: May cause respiratory irritation.

Chronic Health Effects: Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Carcinogenicity: May cause cancer.

Germ Cell Mutagenicity: This product is not classified as a mutagen.

Reproductive Toxicity: Developmental: Based on available data, the classification criteria are not met. Fertility: Based on available data, the classification criteria are not met.

STOT-Repeated Exposure: Causes damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Toxicologically Synergistic Materials: N/A

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: Acute/Chronic Toxicity: No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems, and treatment plants is not considered environmentally harmful.
Mobility: N/A
Biodegradation: N/A
Bioaccumulation: N/A

Section 13: Disposal Considerations (non-mandatory)

Disposal Method: This material must be disposed of in accordance with local, state, provincial, and federal regulations.
Other disposal recommendations: N/A

Section 14: Transport Information (non-mandatory)

DOT regulations:

- **Hazard class:** N/A
- **Land transport ADR/RID (cross-border):** N/A
- **ADR/RID class:** N/A
- **Maritime transport IMDG:** N/A

Air transport ICAO-TI and IATA-DGR: N/A

- **ICAO/IATA Class:** N/A

Section 15: Regulatory Information (non-mandatory)

STATE REGULATIONS:
California Prop. 65: This product contains Crystalline Silica, Quartz and may also contain trace amounts of other chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Global Inventories:

Ingredient	USA / TSCA
Portland Cement	YES
Silica, Crystalline, Quartz	YES
Ashes (Residue)	YES
Gypsum	NO
Calcium Carbonate	YES
Magnesium Oxide	YES
Trade Secret	YES
Trade Secret	YES
Trade Secret	YES

NFPA- National Fire Protection Association:
Health: 3

Fire: 1
Reactivity: 0

Hazard Rating:
0 = minimal 1 = slight 2 = moderate 3 = severe 4 = extreme

Source Agency Carcinogen Classifications:
OSHA (O) Occupational Safety and Health Administration.
ACGIH (G) American Conference of Governmental Industrial Hygienists.
A1 - Confirmed human carcinogen.
A2 - Suspected human carcinogen.
A3 - Animal carcinogen.
A4 - Not classifiable as a human carcinogen.
A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.
1 - The agent (mixture) is carcinogenic to humans.
2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.
1 - Known to be carcinogens.
2 - Reasonably anticipated to be carcinogen

US Federal Regulations
Not listed

Section 16: Other Information

Date of preparation: April 18, 2022

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