

SAFETY DATA SHEET

Section 1: Identification

Product Name: Belter Therm Superior Lightweight Concrete Insulation
Chemical Name/Synonyms:
Company Name: Belter Tech
Address: 3020 Commerce Way, Suite D, Atlanta, GA 30354
Emergency Telephone Number: 911
For information about this SDS, use this department contact phone#: (844) 914-1200

Section 2: Hazard(s) Identification

Hazard Classification:

- Skin Irritant – Category 2
- Eye Irritant – Category 2A

Signal Word(s): Danger

Hazard Statements: Dust produced during mixing or cutting may cause skin and eye irritations as well as allergic skin reactions. Respirable dust may contain crystalline silica, a known carcinogen. Respirable silica may cause respiratory tract irritation which can cause permanent damage to the lungs overtime.

Pictograms



Precautionary Statements: Do not smoke, eat, or drink when using this product. Wash hands carefully after handling. Do not handle until all safety precautions have been read and understood. Wear protective clothing, gloves, eye, and face protection. Should be used only in well-ventilated areas.

Response:

- **If exposed: Get medical attention/advice.**
- **If on skin: Wash with plenty of water. Take off contaminated clothing and wash it right away.**
- **If skin irritation occurs: Get medical attention/advice immediately.**
- **If in eyes: Rinse with water carefully for several minutes.**
- **If eye irritation persists: Get medical attention.**
- **If inhaled: Remove person to fresh air and keep comfortable for breathing.**

Section 3: Composition/ Information on Ingredients

Substances/mixture: Lightweight Cementitious mix containing Post-Consumer Recycled Content

Chemical/Material Name	CAS#	Weight %
Portland Cement	65997-15-1	61%
Proprietary Lightweight Filler Blend	TRADE SECRET	31%
Additives	TRADE SECRET	8.05%

Section 4: First-Aid Measures

After skin contact:

Causes skin irritation and sensitization by skin contact and may cause allergic reactions to the skin.

After eye contact: Rinse eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove any contact lenses, if worn. If eye irritation persists, seek medical attention.

After inhalation: Dust may cause respiratory tract irritation.

After swallowing: If dust is ingested, may cause irritation or burns to mouth, throat and stomach.

Section 5: Fire-Fighting Measures

Flammability: Not Flammable

Suitable extinguishing agents: Treat for surrounding material.

Special protective equipment for firefighters: Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide adequate protections.

Section 6: Accidental Release Measures

Personal precautions:

Evacuate surrounding areas if necessary. Keep unnecessary and unprotected personnel from entering. Do not breath dust if generated. Provide adequate ventilation.

Measures for environmental protection: Avoid dust release to the environment.

Measures for cleaning/collecting:

Vacuum or sweep material and place in a disposal container. Use wet methods, if appropriate, to reduce the generation of dust. Provide ventilation if dust is generated.

Section 7: Handling and Storage

Handling:

Avoid contact with skin and eyes. Good Housekeeping is needed to prevent the accumulation of dust. Use wet methods, if appropriate, to reduce the generation of dust. When using do not eat or drink. Must handle with care.

Storage:

Avoid any dust buildup by frequently cleaning and ensuring suitable construction of the storage area.

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	ACGIH-TLV
Portland Cement	15 mg/m³ (total); 5 mg/m³ (resp)	1 mg/m³ in 8 hours
Lightweight Filler	15 mg/m³ total dust, 5 mg/m³, respirable fraction in 8 hours	10 mg/m³

General protective and hygienic measures:

Handle according to established industrial health 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:

If dust is generated during use: A NIOSH approved dust mask 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: Use impervious, waterproof, and alkali-resistant gloves. Do not rely on barrier creams in place of impervious gloves.

Eye protection: Safety glasses or goggles are recommended when using this product.

Section 9: Physical and Chemical Properties

Form: Solid

Odor: Odorless

Odor threshold: Not available

pH: 11-13

Melting point/melting range: Not applicable

Boiling point/boiling range: >1000°C

Flash point: Not combustible

Evaporation rate: Not applicable

Flammability: Not flammable

Upper/lower flammability or explosive limits: Not applicable

Auto ignition temperature: Not applicable

Danger of explosion: Not applicable Vapor

pressure: Not applicable

Vapor density: Not applicable

Relative density: 60 lbs/cu. ft. | Specific Gravity = 0.96

Solubility in/Miscibility with water: Not applicable

Section 10: Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: This product is stable.

Conditions to avoid: No specific data.

Incompatible materials: No specific data.

Reactive or incompatible with the following materials: oxidizing materials, acids, aluminum, and ammonium salt. Silica reacts with powerful oxidizing agents such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride and oxygen difluoride yielding possible fire and/or explosions. Silicates dissolve readily in hydrofluoric acid producing a corrosive gas.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Acute toxicity: Not classified

Potential routes of exposure/potential health effects

Skin: Causes skin irritation. Wear gloves when handling to avoid drying and mechanical abrasion of the skin.

Eye: May cause eye irritation. Wear safety glasses or goggles when using product.

Inhalation: Dust may cause respiratory tract irritation.

Ingestion:

Not a normal route of exposure. May result in obstruction and temporary irritation of the digestive tract.

Mutagenic effects: No known significant effects

Reproductive toxicity: No known significant effects

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: No recognized unusual toxicity to plants or animals.

Mobility: There are no data available

Biodegradation: There are no data available

Bioaccumulation: There are no data available

Section 13: Disposal Considerations (non-mandatory)

Disposal Methods:

Recover any spilled concrete material where possible. Uncontaminated material may be recycled and reused. Dispose of waste material in accordance with local state and federal laws and regulations.

Section 14: Transport Information (non-mandatory)

In accordance with DOT regulations: Not regulated for transport.

In accordance with IMDG: Not regulated for transport.

In accordance with IATA: Not regulated for transport.

Section 15: Regulatory Information (non-mandatory)

US Federal Regulations

SARA Section 313 (specific toxic chemical listings):

Not subject to reporting requirements.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): Not listed

TSCA (Toxic Substances Control Act): The ingredients of this product are listed on the TSCA inventory.

Section 16: Other Information

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