

GILSULATE INTERNATIONAL, INC.

SAFETY DATA SHEET

I. Identification

Trade Name (as labeled): Gilsulate 500XR® - US Patent# 4,231,884
 Manufacturer's Name: Gilsulate International, Inc.
 Address: 26000 Springbrook Ave #201, Santa Clarita, CA 91350
 Phone Number: (661) 799-3881
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Recommended Use: Field applied pour-in-place controlled density insulation® and corrosion protection for pipes, tanks, and structures

Date Prepared or Revised: October 4, 2017

II. Hazards Identification

Emergency Overview: Dry, odorless white powder. Non-combustible. Fine particle size products represent inhalation hazards that can be readily controlled with appropriate dust protection equipment.

Hazard Statement: May irritate eyes (mechanically). Upper respiratory irritant: Excessive inhalation over long period may cause harmful irritation, use NIOSH N95 approved mask for nuisance dust. The calcium carbonate component in this product may contain trace amounts of crystalline silica (quartz) as an impurity. Chronic exposure to crystalline silica dust at concentrations exceeding occupational exposure limits may cause silicosis. IARC has classified crystalline silica as a human carcinogen.

III. Composition/Information on Ingredients

<u>Chemical Names</u>	<u>CAS Numbers</u>	
Sodium Potassium Aluminum Silicate	93763-70-3	In accordance with paragraph (i) of §1910.1200, the concentration of ingredients is withheld as a trade secret
Calcium Carbonate	1317-65-3	
Calcium Carbonate may contain trace amounts of crystalline silica as an impurity (0% to less than 0.3%)	14808-60-7	

IV. First-Aid Measures

If inhaled: Move to fresh air.
 Skin contact: Wash off with soap and water.
 Eye contact: Flush eyes with generous amounts of water. Remove contact lenses.

V. Fire-Fighting Measures

Flammable: No
 Flashpoint (°C) and Method (oc or cc): N/A
 Upper Flammable Limit (% by volume): N/A
 Lower Flammable Limit (% by volume): N/A
 Auto ignition Temperature (°F): N/A
 Explosion Data - Sensitivity to Impact: N/A
 Explosion Data - Sensitivity to Static Discharge: None; silicates are considered non-combustible dust
 Hazardous Combustion Products: N/A
 NFPA: Health: 0, Flammability: 0, Reactivity: 0, Other: None
 HMIS Ratings: Health: *(See SDS), Flammability: 0, Reactivity: 0, Personal Protection: E

As of the date of preparation of this document, the information contained herein is believed to be accurate and is provided in good faith to comply with applicable federal, state, and local laws. However, no warranty or representation with respect to such information is intended or given. Gilsulate International, Inc. is a women-owned small business headquartered in the state of California.

VI. Accidental Release Measures

Precautions for Safe Handling: Minimize dust formation.

Environmental precautions: No special environmental precautions required.

Methods & materials for clean-up and containment: Sweep up and shovel. Keep in suitable, closed containers for disposal

VII. Handling and Storage

Advice on safe handling: For personal protection see section 8. No special handling advice required.

Conditions for safe storage: Keep in bags. Tape or patch any rips or tears in bags. Stacked bags should be placed on plywood or similar material elevated above the ground surface. When bags are stored outdoors, use of a canvas tarp or heavy gauge opaque plastic covering is recommended.

VIII. Exposure Controls / Personal Protection

Chemical Names	CAS Numbers	Exposure Limits in Air (give units)		
		ACGIH TLV	OSHA PEL	Other (specify)
Sodium Potassium Aluminum Silicate	93763-70-3	10 mg/M ³	15 mg/M ³	
Calcium Carbonate	1317-65-3	10 mg/M ³	15 mg/M ³	
Calcium Carbonate may contain trace amounts of crystalline silica as an impurity (0% to less than 0.3%)	14808-60-7	0.1 mg/M ³	0.1 mg/M ³	

Personal protective equipment

Respiratory protection: NIOSH N95 approved masks suitable for nuisance dust.

Hand protection: Not required.

Eye protection: Safety Glasses or protective goggles

Work/Hygiene measures: Use good housekeeping to avoid transient dust

IX. Physical & Chemical Properties

Appearance:	White to off white powder
Odor and Appearance:	White to off white powder, no odor
Odor Threshold (ppm):	N/A
Vapor Density (air=1):	N/A
Vapor Pressure (mmHg):	N/A
Evaporation Rate:	N/A
Boiling Point (°C):	N/A
Freezing Point (°C):	N/A
Coefficient of Water/Oil Distribution:	N/A
Solubility in Water:	Hydrophobic

Visual Detection Method Only

X. Stability and Reactivity

Reactivity:	Stable
Chemical stability:	Stable
Possibility of hazardous reactions:	Stable
Conditions to avoid:	Avoid hydrofluoric acid and fluorine.

XI. Toxicological Information

Effects of Acute Exposure:	In case of eye contact: irritant (mechanically) or in case of inhalation: irritant (mechanically).
Effects of Chronic Exposure:	Excessive inhalation over long period may cause harmful irritation, use NIOSH approved mask for nuisance dust. The calcium carbonate component in this product may contain trace amounts of crystalline silica (quartz) as an impurity. Chronic exposure to crystalline silica dust at concentrations exceeding occupational exposure limits may cause silicosis. IARC has classified crystalline silica as a human carcinogen.
Irritancy of Product:	Not applicable
Respiratory Sensitization:	Upper Respiratory Irritant: May aggravate pre-existing respiratory conditions. Long-term inhalation of respirable crystalline silica can cause silicosis.
Reproductive Toxicity:	Not available
Teratogenicity:	Not established
Embryotoxicity:	Not available
Mutagenicity: Ames:	Not available

XII. Ecological Information

Aquatic Toxicity: No data available

XIII. Disposal Considerations

Waste Disposal: Dispose of this product in accordance with all applicable local, state and Federal regulations.

XIV. Transport Information

DOT: No special requirements
 IMO: Non-hazardous
 ICAO: Non-hazardous

XV. Regulatory Information

WHMIS CLASSIFICATION: D2B (possible eye irritation)
 OSHA: Label as required by Hazard Communication Standard 29 CFR 1910.1200 (f) and applicable state and local laws and regulations
 TSCA: Included as a naturally occurring material
 CANADA DSL: Included or exempt

XVI. Other Information

This Safety Data Sheet only contains information relating to safety and does not replace any product information or product specification. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation and release and is not to be considered a warranty or quality specification. No warranty or representation with respect to such information is intended or given.