

# GILSULATE INTERNATIONAL, INC.

## MATERIAL SAFETY DATA SHEET

### I. Product Identification

Trade Name (as labeled): Gilsulate 500XR

Manufacturer's Name: Gilsulate International, Inc.  
 Address: 26000 Springbrook Ave #201, Santa Clarita, CA 91350 • P.O. Box 802650  
 Phone Number: (661) 799-3881

Date Prepared or Revised: March 1, 2012

### II. Product Ingredients

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 <sup>3</sup>	15 mg/M <sup>3</sup>	
Calcium Carbonate	1317-65-3	10 mg/M <sup>3</sup>	15 mg/M <sup>3</sup>	
Calcium Carbonate may contain trace amounts of crystalline silica as an impurity (less than 0.3%)	14808-60-7	0.1 mg/M <sup>3</sup>	0.1 mg/M <sup>3</sup>	

### III. Physical Properties

Vapor Density (air=1)	N/A	Melting point or range, °F:	2000+
Specific Gravity (Water=1)	N/A	Boiling point or range, °F:	N/A
Solubility in Water:	Hydrophobic	Evaporation rate (butyl acetate=1)	N/A
Vapor Pressure, mmHg at 20°C:	N/A		
Appearance and odor: White to off white powder, no odor.			

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist):  
 Visual only, may be dusty. No gas, vapors, or mist emitted.

### IV. Fire and Explosion

Flash Point, °F (Give method):	Non-flammable.		
Auto ignition temperature, °F:	N/A		
Flammable limits in air, Volume %:	N/A	Lower (LEL):	N/A      Upper (UEL):      N/A
Special fire fighting procedures:	N/A		Unusual fire and explosion hazards:      N/A

### V. Health Hazard Information

#### A) Symptoms of overexposure for each potential route of exposure

Inhaled: Coughing  
 Contact with skin or eyes: Possible eye irritation from dust particles; wear eye protection  
 Absorbed through skin: N/A  
 Swallowed: N/A

#### B) Health effects or risks from exposure

Acute: None.  
 Chronic: 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 probable human carcinogen.

**C) First Aid: Emergency procedures**

Eye contact: Attempt to wash out with clear water; if unable have particle removed by doctor.  
 Skin contact: None  
 Inhaled: Remove affected individual from dusty area to area with clean air  
 Swallowed: None

**D) Suspected Cancer Agent?**

NO: This products ingredients are not found in the lists below:

YES:  Federal OSHA  NTP  IARC

**E) Medical conditions aggravated by exposure**

Any respiratory illness which may be aggravated by a nuisance dust.

<b>VI. Reactivity Data</b>
----------------------------

Stability:	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
Incompatibility (Materials to avoid):	Hydrofluoric Acid, Flourine	
Hazardous decomposition products (including combustion products):	None	
Hazardous Polymerization:	<input type="checkbox"/> May Occur	<input checked="" type="checkbox"/> Will not occur
Conditions to avoid:	None	

<b>VII. Spill, Leak, and Disposal Procedures</b>
--

Spill response procedures (include employee protection measures):  
 Vacuum clean or sweep material; Use respirators suitable for nuisance dust and eye protection

Preparing wastes for disposal (container types, neutralization, etc.):  
 Dispose in bulk or containers according to local dump requirements. No special treatment required.

Note: Dispose of all wastes in accordance with federal, state, and local regulations.

<b>VIII. Special Handling Information</b>
---

Ventilation and engineering controls: Maintain dust level below TLV.	Respirator protection (type) NIOSH approved masks suitable for nuisance dust.
Eye Protection (type) Protective goggles	Gloves (specify material) Not required
Other clothing and equipment Not required	Work practices, hygienic practices Use good housekeeping to avoid transient dust
Other handling and storage requirements Use good housekeeping to avoid transient dust	National Motor Freight Classification: Class 50
Protective measures during maintenance of contaminated equipment None special other than NIOSH approved masks and goggles	