



Material Name:

Claretex Hysil 48 & 58

Complies with OSHA 29 CFR 1910.1200

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Reviewed

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Material Safety Data Sheet
Document ID Number:

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Section 1: Chemical Product and Company Information

Company Information:

Claremont Corporation
35 Winsome Drive
Durham, CT 06422
Information Phone Number: (800) 222-4448
Emergency Phone Number: (860) 349-4499

Product Information:

Manufacturer: Claremont Corporation
Product Description: Flexible alumina silica fabric

Section 2: Hazard Ingredients / Identity Information

Hazardous Components:

Hazardous Components (Specify Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (if applicable)
Amorphous Silica	80 mg / m ³ + % SiO ₂ or 20 mppcf	10 mg/m ³ (Inhalable) 3 mg / m ³ (Respirable)	NIOSH: 6 mg / m ³ IDLH: 3000 mg / m ³	96%

Section 3: Physical / Chemical Characteristics

Boiling Point:	4046° F.	Solubility in Water:	Insoluble
Specific Gravity (H₂O=1):	2.2		
Vapor Pressure (mm Hg.):	ND		
Melting Point:	>3000° F.		
Vapor Density (AIR=1):	ND		
Evaporation Rate (Butyl Acetate=1):	N/A		
Appearance and Odor:		Off-white or tan. No odor.	

Section 4: Fire and Explosion Hazard Data

Flash Point (Method Used):	N/A
Flammable Limits:	N/A
LEL:	N/A
UEL:	N/A
Extinguishing Media:	CO ₂ , water, foam or dry chemical as suitable for type of surrounding fire.
Special Fire Fighting Procedures:	Wear full fire fighting protective equipment including self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:	During a sustained fire, irritating and/or toxic gasses may be generated by combustion.

Section 5: Reactivity Data

Stability:	Stable at normal temperatures and storage conditions.
Conditions to Avoid:	N/A
Incompatibility (Materials to Avoid):	Basic phosphates, Hydrofluoric acid, and some Oxides & Hydroxides.
Hazardous Decomposition or Byproducts:	Oxidization of coating produces CO & CO2
Hazardous Polymerization:	Will not occur under normal conditions.

Section 6: Health Hazard Data

Rout(s) of Entry:	<u>Inhalation, eye & skin contact & ingestion.</u>
Health Hazards (Acute and Chronic):	<u>May cause irritation to affected areas. No chronic hazards known.</u>
Carcinogenicity: NTP? <input type="text" value="Not listed"/> IARC Monographs? <input type="text" value="Not listed"/> OSHA Regulated? <input type="text" value="Not listed"/>	
Signs and Symptoms of Exposure:	<u>Irritation of affected organs.</u>
Medical Conditions Generally Aggravated by Exposure:	<u>N/A</u>
Emergency and First Aid Procedures:	<u>Inhalation: Remove to fresh air and seek immediate medical attention.</u> <u>Eyes: Flush immediately with water for at least 15 minutes holding eyes open & seek medical attention.</u> <u>Skin: Wash contaminated area thoroughly with mild soap & water. Seek medical attention if irritation persists.</u> <u>Ingestion: Seek immediate medical attention.</u>

Section 7: Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:	<u>Vacuum or sweep with the aid of a dust suppressant.</u>
Waste Disposal Method:	<u>Dispose of according to federal, state & local regulations.</u>
Precautions to be Taken in Handling and Storing:	<u>Store in a clean, dry place & keep container closed.</u>
Other Precautions:	<u>N/A</u>

Section 8: Control Measures

Respiratory Protection (Type): Use a respirator approved for nuisance-type dusts.

Ventilation:

Local Exhaust	Should be used to exposures below TLV's	Mechanical	N/A
Special	N/A	Other	N/A

Protective Gloves:

Wear rubber gloves when handling this product.

Eye Protection:

Safety glasses with side shields or chemical splash goggles must be worn to prevent eye contact.

Other Protective Clothing:

Persons more susceptible to irritation from fibers should wear full-body coveralls.

Work / Hygienic Practices:

Use good personal hygiene practices.