



Material Name:

**Structogard**

Complies with OSHA 29 CFR 1910.1200

Date Prepared: 03/29/04

Date Revised: N/A

Reviewed without revision

04/15/16

Material Safety Data Sheet

Document ID Number:

**1034**

Revision #: 0

**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: (800)-722-5681

**Product Information:**

Manufacturer: Thermal Ceramics / MK205  
 Product Description: Calcium-Magnesium-Silicate Wool  
 Product Category: Insulation

**Section 2: Hazard Ingredients / Identity Information****Hazardous Components:**

Hazardous Components (Specify Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	% BY WEIGHT
Calcium-Magnesium-Silicate Mixture <sup>(1)</sup> 329211-92-9	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)	10 mg/m <sup>3</sup> (inhalable dust) 3 mg/m <sup>3</sup> (respirable dust)	45 - 100
Calcium-Magnesium-Zirconium-Silicate Mixture <sup>(1)</sup> 308084-09-5	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)	10 mg/m <sup>3</sup> (inhalable dust) 3 mg/m <sup>3</sup> (respirable dust)	45 - 100
Continuous Filament Fiber Glass 65997-17-3	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)	1 f/cc, 5mgm <sup>3</sup>	10 - 25

<sup>(1)</sup> May contain alumina and titania as minor constituents.**Section 3: Physical / Chemical Characteristics**

<b>Boiling Point:</b>	N/A	<b>Solubility in Water:</b>	Slight
<b>Specific Gravity</b>	2.5 – 3.0	<b>Chemical Family:</b>	Calcium, Magnesium, Silicate Mixture
<b>Vapor Pressure (mm Hg.):</b>	N/A	<b>Appearance and Odor:</b>	White odorless, fibrous, needled or quilted material
<b>Melting Point:</b>	>2000° F(1093°C)		
<b>Vapor Density (AIR=1):</b>	N/A		
<b>Evaporation Rate (Butyl Acetate=1):</b>	N/A		

**Section 4: Fire and Explosion Hazard Data**

<b>Flash Point (Method Used):</b>	None
<b>Flammable Limits:</b>	None
<b>LEL:</b>	None
<b>UEL:</b>	None
<b>Extinguishing Media:</b>	Use extinguishing media suitable for type of surrounding fire.
<b>Special Fire Fighting Procedures:</b>	None
<b>Unusual Fire and Explosion Hazards:</b>	None

## Section 5: Reactivity Data

<b>Stability:</b>	N/A
<b>Conditions to Avoid:</b>	N/A
<b>Incompatibility (Materials to Avoid):</b>	N/A
<b>Hazardous Decomposition or Byproducts:</b>	N/A
<b>Hazardous Polymerization:</b>	N/A

## Section 6: Health Hazard Data

**Rout(s) of Entry:** N/A

**Health Hazards (Acute and Chronic):** N/A

**Carcinogenicity:** NTP?  IARC Monographs?  OSHA Regulated?

**Signs and Symptoms of Exposure:** N/A

**Medical Conditions Generally Aggravated by Exposure:** N/A

**Emergency and First Aid Procedures:** N/A

## Section 7: Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Avoid creating airborne dust. Dust suppressing cleaning Methods such as wet sweeping or vacuuming should be used to clean the work area. If vacuuming, the vacuum should be equipped with a HEPA filter. Compressed air or dry sweeping should not be used.

**Waste Disposal Method:** \_\_\_\_\_

**Precautions to be Taken in Handling and Storing:** N/A

**Other Precautions:** N/A

## Section 8: Control Measures

**Respiratory Protection (Type):**   N/A  

<b>Ventilation:</b>	Local Exhaust	N/A	Mechanical	N/A
	Special	N/A	Other	N/A

**Protective Gloves:**   N/A  

**Eye Protection:**   N/A  

**Other Protective Clothing:**   N/A  

**Work / Hygienic Practices:**   N/A