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GC Products, Inc. GFRG* - Glass Fiber Reinforced Gypsum Safety Data Sheet

1.0 Product Identification

1. Material – Glass Fiber Reinforced Gypsum (GFRG)
2. Manufacturers:
GC Products, Inc.
601 7th St., PO Box 1767
Lincoln, CA 95648
P. 916.645.3870 F. 916.645.3857
www.gcproductsinc.com

2.0 Hazardous Ingredients

- | 1. Chemical Names: | ACGIH TLV | OSHA PEL | OTHER |
|--------------------|----------------------|----------------------|----------------------------|
| 2. Fiberglass: | 10 mg/m ³ | 15 mg/m ³ | 10 mg/m ³ in CA |
| 3. Gypsum: | None | None | |

2.1 Physical Properties

- | | |
|--|--|
| 1. Vapor Density (air=1): | N/A |
| 2. Specific Gravity: | 2.5 approx. |
| 3. Solubility in Water: | 0.2% |
| 4. Vapor Pressure, mmHG or 20% C: | N/A |
| 5. Appearance and Odor Appearance: | Material comes in pre-manufactured molded shapes. |
| 6. Odor: | None |
| 7. Melting Point or Range (F): | 1450° C = Decomposes |
| 8. Boiling Point or Range (F): | N/A |
| 9. Evaporation Rate (Butyl Acetate=1): | N/A |
| 10. How to Detect this Substance: | Warning properties of substance as a gas/vapor/dust or mist: N/A |

2.2 Fire and Explosion

- | | |
|--|--|
| 1. Flash Point (F) (give method): | Non-Combustible |
| 2. Auto-Ignition Temperature (F): | N/A |
| 3. Flammable Limits in Air (Volume %): | N/A Lower (LEL)____
Upper (UEL)____ |

4. Fire Extinguishing Materials: That which is appropriate for surrounding fire.
___ Water Spray ___ Carbon Dioxide ___ Other
___ Foam ___ Dry Chemical
5. Special Firefighting Procedures: None
6. Unusual Fire and Explosion Hazards: None

3.0 Health Hazard Information

1. Inhaled: Dust from grinding or cutting may be irritating if excessive.
2. Contact with Skin or Eyes: Dust from grinding or cutting may cause irritation or dry skin.
3. Absorbed Through Skin: N/A
4. Swallowed: No known hazard

3.1 Health Effects or Risks from Exposure

1. Acute: Exposure to glass fibers in the dust from this product may cause irritation of the skin and less frequently, irritation of the eyes, nose, or throat. Gypsum dust is a respiratory irritant and may dry the skin.
2. Chronic: No chronic health effects from exposure of fibrous glass. Gypsum is regarded as a nuisance dust.
3. Eyes: None Known
4. Skin: None Known
5. Inhalation: Long-term inhalation of large amounts of dust may cause lung damage.
6. Digestive: None Known
7. Suspected Cancer Agents: No – These product ingredients are not found in the lists.
Yes – Federal OSHA ___ NTP ___ IARC ___

3.2 First Aid – Emergency Procedures

1. Eye Contact: Wash with distilled water. Consult a physician if irritation persists.
2. Skin Contact: Wash with water.
3. Inhaled: No emergency procedure required.
4. Swallowed: No emergency procedure required.

3.3 Misc. Health Issues

1. California Employees Using Cal/OSHA: Regulated carcinogens must register with Cal/OSHA and the Federal OSHA carcinogen lists are similar.

2. Medical Conditions Aggravated by Exposure: Those prone to allergies, asthma, bronchitis, or pulmonary disease may experience increased irritation to the nose, throat, eyes, or skin.

3.4 Reactivity Data

1. Stability: Stable
2. Conditions to Avoid: None. Material will lose its integrity when submersed in water.
3. Incompatibility: None
4. Hazardous Decomposition Products (including combustion products): If heated to 1450° C, will release SO and CAE.
5. Hazardous Polymerization: Will not Occur
6. Conditions to Avoid: Keep product dry to maintain integrity.

4.0 Special Handling Information

1. Ventilation and Engineering Controls: Local exhaust, if above TLV, during cutting or grinding.
2. Respiratory Protection: NIOSH approved respirator for dust if above TLV during cutting or grinding.
3. Eye Protection: Dust goggles or safety glasses during cutting or grinding.
4. Gloves: Light weight or work gloves may help reduce skin irritation.
5. Other Clothing and Equipment: Coveralls or work clothes to protect street clothes from dust.
6. Work Practices, Hygienic Practice: Keep dust production to a minimum. Keep work area clean. Do not use compressed air to “blow down” clothing. Wash exposed skin surfaces regularly with soap and water.
7. Other Handling and Storage Requirements: Store in dry area.
8. Protective Measures during Maintenance of Contaminated Equipment: N/A