1.0 Product Identification

1. Material – Glass Fiber Reinforced Cement (GFRC)
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/m³      15 mg/m³      10 mg/m³ in CA
3. Portland Cement:       15/5 mg/m³    10 mg/m³

2.1 Physical Properties

1. Vapor Density (air=1): N/A
2. Specific Gravity:       2.7 – 3.0
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): 1450º C = Decomposes
8. Boiling Point or Range (F): N/A
9. Evaporation Rate (Butyl Acetate=1): 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

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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. Cement is a strongly alkaline material.
3. Absorbed Through Skin: N/A
4. Swallowed: May be corrosive to the digestive tract.

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. Cement dust is a respiratory irritant and may dry the skin.
2. Chronic: None Known
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: Remove to fresh air. Consult a physician if irritation persists.
4. Swallowed: Dilute by giving two 8 oz. glasses of milk or water followed by fruit juices or diluted vinegar to neutralize the alkali from the cement. Consult a physician.

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: Acids
4. Hazardous Decomposition Products (including combustion products): If heated to 1450º C, will release SO and CAE.
5. Hazardous Polymerization: Will not Occur

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