CASTLE
Access Panels & Forms Inc.

GLASS FIBER REINFORCED GYPSUM (FOR INTERIOR APPLICATIONS)

GFRG SDS

1.0 Product Identification

1. Material – Glass Fiber Reinforced Gypsum (GFRG)
2. Manufacturers:

CASTLE ACCESS PANELS & FORMS Inc.
173 Adesso Dr, Unit #2
Concord, ON L4K 3C3
Phone: (905) 738-8089 Fax: (905) 760-9234
www.castleaccesspanels.com

2.0 Hazardous Ingredients

	Chemical Names:	ACGIH TLV	OSHA PEL	OTHER
2.	Fiberglass:	10 mg/m³	15 mg/m³	10 mg/m³ 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):	1450º 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 1450º C, will release SO and CAE.
5. Hazardous Polymerization: Will not Occur
6. Conditions to Avoid: Keep product dry to maintain integrity.

3.5 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