



## MATERIAL SAFETY DATA SHEET

05/01/01

### I. PRODUCT IDENTIFICATION

Trade name: GRG, GFRG or Interior Cast Stone  
Description: Glass Reinforced Gypsum or  
Glass Fiber Reinforced Gypsum  
Glass Reinforced Gypsum with Natural Crushed Stone or sand.

Manufacturer's name: **Zoho Stone Cladding Products LLC.**  
34318 US Highway 19 N, Palm Harbor, FL 34684  
Phone: 727.230.6956, Fax: 727.230-9716

### II. INGREDIENTS AND HAZARDS

<u>Ingredients Name</u>	<u>CAS Number</u>	<u>Percent</u>	<u>Exposure Limits in Air</u>	
			<u>ACGIH TLV</u>	<u>OSHA</u>
Glass Fiber	65997-17-3	5-6 %	10 mg/ m <sup>3</sup>	15 mg/ m <sup>3</sup>
FGR-95 (Gypsum)	101011-41-4	95 %	NONE	

### III. PHYSICAL PROPERTIES:

Flammability : Zero flame spread,	Zero smoke contribution
Consistency : 25-30 cc	Flexural Strength : 3200-4000 psi
Density : 103-112lb / ft <sup>3</sup>	Impact Strength : 8.0-8.8 ft. lb/in <sup>2</sup>
Melting point: 1450 °C	Modules of Elasticity: 2.1-2.2 10 <sup>5</sup> psi
Rockwell Hardness : M72	Ultimate Tensile Strength : 1200-1400 psi
Specific Gravity : 2.7-3.0	Solubility in Water : 0.2 %

### IV. FIRE AND EXPLOSION HAZARD DATA:

Flash Point (method used) :	None
Extinguishing media :	None combustible
Special fire fighting procedure :	None
Unusual fire and explosion hazards :	None

### V. HEALTH HAZARD DATA:

Effects of Over Exposure :

Contact with skin or eyes : May cause irritation, temporary itching, may dry skin.

Inhaled : Dust from cutting or sanding may cause temporary irritation, Gypsum dust is a respiratory irritant.



Swallowed : Not known hazard.  
Absorbed : N / A  
Chronic : None known.

**Emergency and First Aid Procedure :**

Eyes : Flush with water for 15 min. Call Physician if irritation continues.  
Skin : Wash contaminated area with water.  
Inhalation : Remove to fresh water.  
Ingestion : Consult physician for observation or treatment.  
Target Organs : Lungs.

**Medical Condition Which May Be Aggravated While Cutting Or Sanding:**

Pre-existing upper respiratory and lung diseases such as, but not limited to bronchitis emphysema and asthma.

**Carcinogenicity of Ingredients :**

<u>MATERIAL</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
All	Not listed	Not listed	Not listed

**VI. REACTIVITY DATA:**

Stability : Stable  
Incompatibility : Acids  
Hazardous Decomposition Products : Above 1450°C – CaO and SO<sub>2</sub>  
Hazardous Polymerization : Will not occur  
Conditions To Avoid : Keep product dry

**VII. SPILL, LEAK AND DISPOSAL PROCEDURES:**

Spill response procedures (including employee protection measures): N / A  
Disposal method: This material can be disposed of as inert solids in a landfill or by other procedures which are accepted under federal, state and local regulations.

**VIII. SPECIAL HANDLING INFORMATION:**

Ventilation and engineering controls : Local exhaust if above TLV during cutting or sanding.  
Respiratory protection : NIOSH approved respirator for nuisance dust during cutting or sanding.  
Eye protection : Dust goggles or safety glasses.  
Gloves : Light weight or work gloves may help reduce skin irritation from dust.  
Work practices : Keep dust production to a minimum, keep area clean, do not use compressed air to dust clothing.  
Other handling and storage requirements : Store material in dry ventilated area, on a level surface, protect from warping, twisting, or bowing.