

**SECTION 1 – Product and Company Identification**

<b>Product Name:</b>	Ceramic Tiles	<b>Distributed by:</b>	MRB Products
		<b>Address:</b>	515 Narragansett Park Drive Pawtucket, RI 02861
<b>Chemical Family:</b>	Clay	<b>Distributor's Phone:</b>	401-305-3000
<b>Recommended Use:</b>	Manufacturing End Use	<b>Emergency Phone:</b>	401-408-0666

**SECTION 2 – Hazard(s) Identification**

<b>Hazard Classification:</b>	N/A	<b>Concentration %:</b>	N/A
<b>Hazard Ingredients:</b>	N/A	<b>LD/50 of Material:</b>	N/A
<b>Hazardous Combustion Prod:</b>	N/A		

**Other:** All Products are Fired to a minimum of 1250°C and are considered to be chemically inert.

**SECTION 3 – Composition/Ingredient Information**

<b>Chemical/ Mixture Name:</b>	<b>Chemical Formula:</b>	<b>CAS Number:</b>
Magnesium Iron Aluminum Cyclosilicate	(Mg, Fe) <sub>2</sub> A <sub>14</sub> Si <sub>5</sub> O <sub>18</sub> *nH <sub>2</sub> O	N/A

**OXIDE CONTENT:**

A <sub>12</sub> O <sub>3</sub>	SiO <sub>2</sub>	CaO	MgO	NaO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	K <sub>2</sub> O
28.10%	50.40%	0.65%	17.6%	0.10%	1.31%	0.94%	0.20%

**SECTION 4 – First Aid Measures**

<b>EFFECTS OF OVEREXPOSURE</b>		<b>FIRST AID PROCEDURES</b>	
<b>Skin:</b>	Irritation and inflammation to the skin on prolonged contact.	<b>Skin:</b>	Wash affected area with soap and water. Skin cream after washing may be helpful.
<b>Eyes:</b>	Irritation and inflammation to the eyes on contact.	<b>Eyes:</b>	Flush with large amounts of water for at least 15 minutes. Do not rub eyes.
<b>Inhalation:</b>	Upper respiratory physical irritations, irritation or soreness in throat, nose and respiratory tract.	<b>Inhalation:</b>	Remove to fresh air.
<b>Ingestion:</b>	May cause temporary irritation to the gastro-intestinal tract.	<b>Ingestion:</b>	Do not induce vomiting. Drink plenty of water.
<b>Other</b>	Respirable dust from this product may aggravate existing chronic lung conditions such as bronchitis, emphysema, and asthma.		

**SECTION 5 – Fire-Fighting Measures**

<b>Extinguishing Media:</b>	N/A	<b>Special Firefighting Procedures:</b>	N/A
<b>Unusual Fire &amp; Explosion Hazards:</b>	N/A		

**SECTION 6 – Accidental Release Measures**

<b>Emergency Spill Procedures:</b>	Material is inert. No special steps are needed.	<b>Cleanup Procedures:</b>	
------------------------------------	-------------------------------------------------	----------------------------	--

**SECTION 7 – Handling and Storage**

**Handling Precautions:** Material is inert. No special steps are needed.

**Storage Recommendations:**

**SECTION 8 – Exposure Controls/Personal Protection**

**Respiratory Protection:** Respirator recommended when dust is created due to machining of fired ceramics. Where TLV is exceeded.

**Eye Protection:** Protective Eye Wear, recommended in case of broken fragments.

**Ventilation Requirements:** Local and mechanical ventilation is recommended.

**Protective Gloves:** Gloves, recommended in case of broken fragments.

**Other Protections:** N/A

**SECTION 9 – Physical and Chemical Properties**

**Appearance:** Solid / Yellow White

**Boiling Point:** N/A

**Odor & Odor Threshold:** Odorless / Threshold = N/A

**Freezing Point:** N/A

**Vapor Pressure:** (mm Hg) N/A

**Flash Point:** (method used) N/A

**Vapor Density:** (air = 1) N/A

**Volatile (by vol.):** N/A

**Bulk Density:** 1.33 g/cc. Typical

**Solubility in Water:** (20°C): N/A

**Specific Gravity:** 2.55 g/cc

**Coefficient Water Oil Dist:** N/A

**Upper Explosion Limit (% by Vol):** N/A

**Lower Explosion Limit (% by Vol):** N/A

**Explosion Data:** Sensitivity to Impact N/A

**Auto-ignition Temperature:** N/A

**Sensitivity to Static Discharge:** N/A

**TDG Flammability Classification:** N/A

**Evaporation Rate:** N/A

**SECTION 10 – Stability and Reactivity**

**Chemical Stability:** Stable

**Reactivity:** Non-Reactive

**Incompatible Materials:** None

**Hazardous Decomposition:** N/A

**Incompatible Conditions:** N/A

**Hazardous Polymerization:** N/A

**SECTION 11 – Toxicological Information**

**Possible Routes of Exposure:** Inhalation

**Exposure Limit of Material:** 5 mg/m<sup>3</sup>

**Effects of Exposure:** (Acute) No effect other than as nuisance dust (when machining is required).

**Effects of Exposure:** (Chronic) Long term exposure to respirable crystalline silica can cause silicosis.

**SECTION 12 – Ecological Information**

**Toxicity on Organisms:** N/A

**Environmental Impacts:** N/A

Other Adverse  
Effects: N/A

**SECTION 13 – Disposal Considerations**

Disposal  
Containers: N/A

Disposal Methods: Standard landfill disposal consistent  
with all government regulations.

WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL  
REGULATIONS. DO NOT FLUSH INTO SEWAGE SYSTEMS.

**SECTION 14 – Transport Information**

UN Number: N/A

Hazard Class: N/A

UN Shipping Name: N/A

Packing Group  
Number: N/A

Special  
Precautions: N/A

**SECTION 15 –Regulatory Information**

Additional  
Regulations:

**SECTION 16 – Other Information**

Date Prepared/  
Revised: 10/13/16

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.