

<b>SECTION 1 – Identification</b>				
<b>Product Name:</b>	Silquar Plates	<b>Distributed by:</b>	MRB Products	
<b>Generic Name:</b>	Mix 05-04	<b>Address:</b>	515 Narragansett Park Drive Pawtucket, RI 02861	
<b>Other means of identification:</b>	Cordierite Fired Shape	<b>Distributor Phone:</b>	401-305-3010	
<b>Product Code:</b>	5157	<b>Emergency Phone:</b>	401-408-0666	
<b>Recommended Use:</b>	Refractory			
<b>SECTION 2 – Hazard(s) Identification</b>				
<b>Hazard Classification:</b>	GHS-US classification - Not classified	<b>Unknown acute toxicity (GHS US):</b>	N/A	
<b>Label Elements:</b>	This product meets the definition and criteria for an article according to OSHA 29 CFR 1910.1200 and the EU REACH 1907/2006 Article 3(3) regulations. No labeling obligation.	<b>Other Hazards:</b>	No additional information available	
<b>SECTION 3 – Composition/Ingredient Information</b>				
<b>Chemical/ Mixture Name:</b>	<b>CAS Number:</b>	<b>Concentration (%):</b>	<b>GHS-US Classification:</b>	<b>Other:</b>
CORDIERITE CRISTOBALITE	1302-88-1 13453-70-8	50-75 10-20	Not Classified Carc. 1A, H350	Full text of H-phrases: see section 16
<b>SECTION 4 – First Aid Measures</b>				
<b>EFFECTS OF OVEREXPOSURE:</b>		<b>FIRST AID PROCEDURES:</b>		
<b>Skin:</b>	Not applicable.	<b>Skin:</b>	Not applicable.	
<b>Eyes:</b>	Direct eye contact is unlikely.	<b>Eyes:</b>	Rinse cautiously with water for several minutes.	
<b>Inhalation:</b>	Inhalation is unlikely	<b>Inhalation:</b>	Allow victim to breath fresh air.	
<b>Ingestion:</b>	Ingestion is unlikely	<b>Ingestion:</b>	Rinse Mouth.	
<b>General:</b>		<b>General:</b>	No hazards which require special first aid measures:	
<b>SECTION 5 – Fire-Fighting Measures</b>				
<b>Extinguishing Media:</b>	Use extinguishing media appropriate for surrounding fire.	<b>Special Firefighting Procedures:</b>	No specific fire-fighting instructions required.	
<b>Unsuitable Extinguishing media:</b>	No unsuitable extinguishing media known.	<b>Unusual Fire &amp; Explosion Hazards:</b>	Non- Flammable. No Known Reactivity.	
<b>SECTION 6 – Accidental Release Measures</b>				
<b>Emergency responders:</b>	Use personal protective equipment as required.	<b>Cleanup Procedures:</b>	Collect spillage.	
<b>Environmental Precautions:</b>	N/A			

<b>SECTION 7 – Handling and Storage</b>			
Handling Precautions:	N/A	Storage Recommendations:	Store in Dry Place.
<b>SECTION 8 – Exposure Controls/Personal Protection</b>			
Control Parameters: Cristobalite (13453-70-8)			
OSHA PEL (TWA) (mg/m <sup>3</sup> ):	. 0.05 mg/m <sup>3</sup> Respirable Dust	ACGIH TWA (mg/m <sup>3</sup> ):	0.025 mg/m <sup>3</sup> Respirable Dust
Exposure controls:	N/A		
<b>SECTION 9 – Physical and Chemical Properties</b>			
Appearance / Color:	Solid. Shape - Light Brown	Boiling Point:	N/A
Odor & Odor Threshold:	NONE	Melting Point:	Greater than 2300 °F
Vapor Pressure:	N/A	Freezing Point:	N/A
Relative Density:	≈ 1.9	Flammability: (solid, gas)	N/A
Relative Vapor Density at 20 °C	N/A	Flash Point: (method used)	N/A
Specific Gravity:	N/A	Upper / Lower Explosion Limit:	N/A
Solubility:	N/A	Explosive properties:	N/A
pH:	N/A	Auto-ignition Temperature:	N/A
Viscosity:	N/A	Decomposition Temperature:	N/A
Viscosity, kinematic and dynamic:	N/A	Relative Evaporation Rate (butyl acetate=1):	N/A
Oxidizing properties	N/A	Log Pow	N/A
<b>SECTION 10 – Stability and Reactivity</b>			
Chemical Stability:	Stable under normal conditions.	Reactivity:	NONE KNOWN
Possibility of hazardous reactions:	N/A	Hazardous Decomposition:	NONE
Incompatible Conditions:	N/A	Incompatible materials:	N/A
<b>SECTION 11 – Toxicological Information</b>			
<b>TOXICOLOGICAL EFFECTS:</b>		<b>Cristobalite ( 13453-70-8 ) IARC group 1 – Carcinogenic to humans</b>	
Acute toxicity	: Not classified	Specific target organ toxicity (single exposure)	: Not classified
Skin corrosion / irritation	: Not classified	Specific target organ toxicity (repeated exposure)	: Not classified
Serious eye damage / irritation	: Not classified	Reproductive toxicity	: Not classified
Respiratory or skin sensitization	: Not classified	Aspiration hazard	: Not classified
Germ Cell mutagenicity	: Not classified	Symptoms / injuries after ingestion	: No data available.
Carcinogenicity	: Not classified		

<b>SECTION 12 – Ecological Information</b>	
<b>Toxicity:</b> N/A	<b>Mobility in soil:</b> N/A
<b>Persistence &amp; degradability:</b> cristobalite ( 13453-70-8 )	<b>Persistence &amp; degradability:</b> cordierite ( 1302-88-1 )
Persistence & degradability : Biodegradability: not applicable Biochemical oxygen demand (BOD) : Not applicable Chemical oxygen demand (COD) : Not applicable ThOD : Not applicable	Persistence & degradability : Not established.
<b>Bioaccumulative Potential:</b> cristobalite ( 13453-70-8 )	<b>Bioaccumulative Potential:</b> cordierite ( 1302-88-1 )
Bioaccumulative potential: No bioaccumulation data available	Bioaccumulative potential: Not established.
<b>Other Adverse Effects:</b> Effect on the global warming: No known ecological damage caused by this product.	
<b>SECTION 13 – Disposal Considerations</b>	
<b>Waste Disposal recommendations:</b> Dispose in a safe manner in accordance with local/national regulations.	
<b>WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. DO NOT FLUSH INTO SEWAGE SYSTEMS.</b>	
<b>SECTION 14 – Transport Information</b>	
<b>In accordance with DOT:</b> Not regulated for transport	<b>TDG:</b> No additional information available
<b>Transport by Sea:</b> No additional information available	<b>Air Transport:</b> No additional information available
<b>SECTION 15 –Regulatory Information</b>	
<b>Additional Regulations:</b>	Cristobalite (13453-70-8) listed on the United States TSCA (Toxic Substances Control Act) Inventory.
<b>International Regulations:</b>	<b>MIX 05-04</b>
<b>CANADA</b>	WHMIS Classification D2A
	EU – Regulations : No additional information available. National Regulations : No additional information available.
<b>US State Regulations:</b>	<b>Mix 05-04</b>
U.S. – California – Proposition 65 – Other information	This product contains crystalline silica, a chemical known to the State of California to cause cancer.
<b>Cristobalite (13453-70-8)</b>	
U.S. – California – Proposition 65 – Carcinogens List	Yes
U.S. – California – Proposition 65 – Developmental Toxicity	No
U.S. – California – Proposition 65 – Reproductive Toxicity – Female	No
U.S. – California – Proposition 65 – Reproductive Toxicity – Male	No
Non-Significant risk level (NSRL)	
<b>Cristobalite (13453-70-8)</b>	
U.S. – New Jersey – Right to Know Hazardous Substance List	

**SECTION 16 – Other Information**

<b>Full text of H-phrases:</b>	Carc. 1A	Carcinogenicity Category 1A
	H350	May cause Cancer
<b>Date Prepared/ Revised:</b>	9/12/16	
<p>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.</p>		