

	<b>Zircar Zirconia, Inc.</b> P.O. Box 287 Florida, NY 10921-0287 (845)651-3040 Emergency (845)258-9148 www.zircarzirconia.com	<b>Safety Data Sheet</b> <b>Buster HS</b>	<b>Document #:</b>	<b>Rev.:</b>	<b>Date:</b>
			<b>SDS-207</b>	00	2/25/2019

**1. Product Identification**

**Product Types:** Buster HS      **Synonym:** Aluminosilicate Fiber Board

**2. Hazards Identification**

**Classification of Substance or Mixture**

**Classification (GHS-US):** H350, H372

**GHS Label Elements**

**Hazard Pictograms (GHS-US)**



**Signal Word (GHS-US):** Warning

**Hazard Statements:** H350 May cause cancer by inhalation.

**Precautionary Statements**

P201/202 Do not handle until safety precautions and instructions are understood.  
P260 Use respiratory protection.  
P308/313/312 If exposed or concerned: Get medical advice/ attention, or call poison center.  
P501 Dispose of contents/ container in accordance with local, regional, national, and international regulations.

**Hazards not otherwise classified:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

**3. Composition**

Component	Synonyms	CAS Number	% by Weight	Classification (GHS-US)
Refractories, Fibers, Aluminosilicate	Aluminosilicate fibers, RCF	142844-00-6	60-95	H350
Silica (amorphous)	Silicon Dioxide	7631-86-9	2-10	None
Starch	NA	9005-25-8	5-10	None
Kaolin	Clay	1332-58-7	0-25	None

**4. First Aid Measures**

**Inhalation:** Remove to fresh air. Rinse mouth to clear throat and expel liquid. Blow nose to evacuate dust. Consult a physician if irritation persists.  
**Eye Contact:** Do not rub eyes. Keep hands or contaminated body parts away from eyes. Remove contact lenses. Flush with water. If irritation persists, consult a physician.  
**Skin Contact:** Wash with soap and water. For dryness, a skin cream may be helpful. Do not apply anything to a rash. Consult a physician if irritation persists.  
**Ingestion:** Do not induce vomiting without advice of a physician. Seek medical attention.

**5. Fire-Fighting Measures:** Product is not flammable.

**Special Hazards arising from the substance:** None      **Advice for firefighters:** None

**6. Accidental Release Measures:** Clean up with a sponge, mop or damp cloth. When dried, clean up minimizing airborne dust.

**Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid contact with skin, eyes, or clothing. Avoid breathing dust.  
**For Non-Emergency Personnel:** Use appropriate personal protection equipment (PPE), gloves, glasses, dust mask.  
**For Emergency Responders:** Equip cleanup crew with proper protection. Ventilate area.  
**Environmental Precautions:** None.  
**References to Other Sections:** See section 8. Exposure Controls/ Personal Protection. For waste disposal refer to section 13.

**7. Handling and Storage**

**Precautions for Safe Handling**

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.  
**Machining and cutting:** These materials may produce nuisance dust when machined or cut.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage conditions:** These materials are stable and may be stored indefinitely.      **Incompatible Products:** None known.      **Specific End Use:** Insulation

**8. Exposure Controls/ Personal Protection**

**Control Parameters**

Refractory Fibers	NIOSH REL	0.5 f/cc, 8 hr. TA
Silica (Amorphous)	OSHA PEL	20 mppcf or 80 mg/m <sup>3</sup> / % SiO <sub>2</sub>
Starch & Kaolin	OSHA PEL	5 mg/m <sup>3</sup> PEL (respirable dust) 15 mg/m <sup>3</sup> PEL (total dust)

**Exposure Controls**

**Appropriate Engineering Controls:** Ensure adequate ventilation. Emergency eye wash should be available. Ensure regulations are observed.  
**Personal Protective Equipment:** Protective goggles, gloves, protective clothing. Dust formation: dust mask type N95 above PEL.  
**Environmental Exposure Controls:** Do not allow the product to be released into the environment.  
**Consumer Exposure Controls:** Do not eat, drink or smoke during use.

**9. Physical and Chemical Properties**

Physical State	Solid, wool board	Auto ignition Temperature	No data available
Color	White	Decomposition Temperature	
Odor	Odorless	Flammability (solid, gas)	
Odor Threshold		Vapor Pressure	
pH	No data available	Relative Vapor Density at 20C	
Evaporation Rate		Relative Density	
Melting/ Freezing Point	1760C	Solubility	
Boiling Point	No data available	Partition Coefficient: N-Octanol/ Water	
Flash Point		Viscosity	

**10. Stability and Reactivity**

**Reactivity:** Hazardous reactions will not occur under normal conditions.      **Chemical Stability:** Stable under normal conditions.  
**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.      **Incompatible Materials:** None.

**Hazardous Decomposition Products:** Upon first fire binder will release smoke, carbon dioxide and carbon monoxide. Use adequate ventilation to avoid irritation from the fumes.

**11. Toxicological Information:** May cause cancer. IARC Group 2B, possible human carcinogen. There is inadequate evidence in humans for the carcinogenicity of RCF. There is sufficient evidence in experimental animals for the carcinogenicity of RCF.

**Epidemiology:** No Information Available      **Distribution:** Chemically identical to inorganic compounds found in soil.      **Chemical Fate Information:** The relative inertness of this material indicates that it may be highly persistent in the environment. No information regarding any negative effects of this persistence has been noted.

**12. Ecological Information:** Ecological data are not available.

**13. Disposal Considerations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**14. Transportation Information:** Not regulated hazardous substances, no specific regulations apply.

**15. Regulatory Information**

**WHMIS Status:** This is a Class 1, potential for chronic effects.

**California Proposition 65:** Proposition 65 lists all substances classified by the IARC as a Category 1, 2A or 2B carcinogen, including ceramic fibers of respirable size.

**SARA Section 313 Supplier Notification:** This product does contain RCF (CAS# 142844-00-6), not subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 Section 313 (40 CFR 372). Sections 311 and 312 (40 CFR 370) apply (delayed hazard).

**16. Other Information:** The information contained herein is based on data considered to be accurate as of the preparation or revision date. It is provided in good faith and in compliance with state and federal regulations. No warranty or representation, express or implied is made as to the accuracy or completeness of this information. Other national, state and/or local regulations may apply.