

	Zircar Zirconia, Inc. P.O. Box 287 Florida, NY 10921-0287 (845)651-3040 Emergency (845)258-9148 www.zircarzirconia.com	Safety Data Sheet Buster CXV	Document #:	Rev.:	Date:
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1. Product Identification

Product Types: Buster CXV
Synonym: Calcium Silicate

2. Hazards Identification: None

3. Composition

Component	CAS Number	% by Weight	Classification (GHS-US)
Calcium Silicate	1344-95-2	100	None

4. First Aid Measures

Inhalation: May be slightly irritating. Move to fresh air. If irritation persists, consult a physician.

Eye Contact: May be slightly irritating. 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: Remove contaminated clothing. Wash skin thoroughly with water and continue washing for a long time. Seek medical advice in case of persistent discomfort.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

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: Refractory

8. Exposure Controls/ Personal Protection

Control Parameters

Nuisance dust	OSHA PEL as 8 hr TWA	5 mg/m ³ (Respirable)	ACGIH TLV (8-hour)	10 mg/m ³ (Total)
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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.

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, Porous, Rigid Shapes	Auto ignition Temperature	No data available
Color	White	Decomposition Temperature	
Odor	Odorless	Flammability (solid, gas)	
Odor Threshold	No data available	Vapor Pressure	
pH		Relative Vapor Density at 20C	
Evaporation Rate	1345 °C	Relative Density	2.30 – 2.90
Melting/ Freezing Point	No data available	Solubility	No data available
Boiling Point		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 known.

Hazardous Decomposition Products: None.

11. Toxicological Information: No information available.

Epidemiology: No Information Available

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: Not regulated.

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.