

Graphtek LLC - Alumina Silicate MSDS

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Product: Alumina Silicate Ceramics

(1) Identification

Identity	Alumina Silicate Ceramics
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(2) Ingredients (Inert and Hazardous)

Alumina Silicate	C.A.S. # 1302-76-7 ACGIH TLV - 15 mg/M3 OSHA PEL - N/D
Carbon	C.A.S. # 7440-44-0 ACGIH TLV - 3.5 mg/M3 OSHA PEL - N/D
Health:	0
Flammability:	0
Reactivity:	0

(3) Physical Data

Boiling Point	N/A
Melting Point	3000°F
Evaporation Rate	0
Solubility in Water	Insoluble
Appearance	Dark gray ceramic solid
Specific Gravity	2.5-3.0
Vapor Pressure	N/A
Vapor Density	N/A
Odor	None

(4) Fire and Explosion Data

Flash Point	Nonflammable
Flammable Limits	LEL: N/A UEL: N/A
Extinguishing Media	Non-combustible
Special Fire Fighting Procedures	None

Unusual Fire and Explosion Data	None
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(5) Health Hazard Data

Effects of Overexposure

Inhalation	Low health risk by inhalation.
Dermal Exposure	Not an irritant.
Eye Irritation	An abrasive irritant only.
Ingestion	There is no toxicity by ingestion.

Emergency and First-Aid Procedures

No specific first aid procedures are necessary for accidental exposure to this product. Maintain a good standard of industrial hygiene and housekeeping.

(6) Reactivity Data

Hazardous Polymerization	Will not occur
Stability	Stable
Conditions to Avoid	None

(7) Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	Use dry clean-up procedures, and avoid dusting. Collect in containers or bags. If reuse or recycling is not possible, may be disposed of at a sanitary landfill.
Waste Disposal Method	Dispose of in accordance with local, state, and Federal regulations.
Precautions to be taken in handling and storing	Impervious gloves, safety goggles, and proper ventilation.

(8) Special Protection Information

Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

CHEMICAL COMPONENTS OF THIS PRODUCT WHICH ARE PRESENT IN REPORTABLE AMOUNTS AND ARE LISTED IN SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 (SARA TITLE III) ARE SHOWN BELOW WITH THEIR CAS REGISTRY NUMBERS AND MAXIMUM COMPOSITION BY WEIGHT.

Aluminum Oxide	C.A.S. # 1344-28-1 MAX WT % - 98
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(9) Disclaimer of Liability

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