

# Sintered Bauxite®/UltraProp®

High Strength Proppants (all mesh sizes) SDS — For Industrial Use Only

## 1. Chemical Name and Company Identification

<b>Product Name</b>	Sintered Bauxite and UltraProp® (all mesh sizes)
<b>Synonym(s)</b>	Ceramic Proppant
<b>Chemical Family</b>	Aluminosilicate
<b>Manufacturer</b>	Saint-Gobain Proppants
<b>Address</b>	5300 Gerber Road, Fort Smith, Arkansas 72904
<b>Phone</b>	24-Hour Emergency (479) 782-2001

## 2. Component Information

Chemical Name	Common Name	% by Weight (typical)
Aluminum Silicate	Mullite	15 - 35
Aluminum Oxide	Corundum	65 - 85

## 3. Hazards Identification

<b>3.1 Emergency Overview</b>	<b>HMIS Rating</b>	
	<b>Health: 1 (Slight)</b>	
	<b>Flammability: 0 (Minimal)</b>	
	<b>Reactivity: 0 (Minimal)</b>	
	<b>Chronic: 1 (Slight)</b>	
<b>3.2 Potential Health Effects</b>	<b>Inhalation</b>	Prolonged exposure to dusts may cause respiratory tract irritation.
	<b>Ingestion</b>	No known adverse effects.
	<b>Eye Contact</b>	May cause irritation on prolonged or repeated contact.
	<b>Skin Contact</b>	May cause irritation on prolonged or repeated contact.

## 4. First Aid Measures

<b>Ingestion</b>	Seek medical attention if large quantities are ingested.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye Contact</b>	Immediately flush eyes with large quantities of water. Call a physician if irritation persists.

## 5. Fire Fighting Measures

<b>Flash Point</b>	Nonflammable
<b>Lower Explosion Limit</b>	Not applicable
<b>Upper Explosion Limit</b>	Not applicable
<b>Autoignition Temperature</b>	Not applicable. Use extinguishing agent suitable for type of surrounding fire.

## 6. Accidental Release Measures

<b>Spills</b>	No special procedures are required for cleanup of spills or leaks. Spherical shape of spilled pellets can create a slip hazard.
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## 7. Handling and Storage

Store under dry conditions. Handle with adequate ventilation. Use a NIOSH/MSHA approved respirator if dust is present.

## 8. Exposure Control/Personal Protection

<b>8.1 Exposure Control</b>	<b>8.2 Personal Protection</b>
Minimize creation of dust.	Use NIOSH/MSHA approved respiratory protective equipment when airborne concentrations exceed acceptable criteria. Wear safety glasses at all times to prevent eye irritation.

### 8.3 Exposure Guidelines

Ingredient	CAS#	%/WT	OSHA PEL/TWA	ACGIH-TWA TLV
Aluminum Oxide / Corundum	1302-74-5	65-85	15mg/m <sup>3</sup> (total)	10mg/m <sup>3</sup> (total)
			5mg/m <sup>3</sup> (resp)	3mg/m <sup>3</sup> (resp)
Aluminum Silicate / Mullite	1327-36-2	15-35	15mg/m <sup>3</sup> (total)	10mg/m <sup>3</sup> (total)
			5mg/m <sup>3</sup> (resp)	3mg/m <sup>3</sup> (resp)



## 9. Physical and Chemical Properties

Appearance	Grayish brown to black free-flowing granules
Odor	None
Flash Point	Not applicable. This material does not give a flash point by conventional methods.
Stability	Stable
pH	Not applicable
Vapor Pressure @ 25 °C	Not applicable
Viscosity	Not applicable
Solubility in Water	Nonsoluble
Boiling Point	Not applicable

## 10. Stability and Reliability

Normally stable as defined in NFPA 704-12 (4-3.1)

## 11. Toxicological Information

See Section 3.

LC50 Not available

LD50 Not available

## 12. Ecological Information

Not determined.

## 13. Disposal Conditions

Dispose of according to local, state/provincial and federal requirements.

## 14. Transportation Information

14.1  
U.S. Department  
of Transportation

Non-regulated

14.2  
Canadian  
Transportation of  
Dangerous Goods  
(TDG)

Non-regulated

## 15. U.S. Regulatory Information (Selected Regulations)

Section 302

None

SARA Title III

Section 312

None

Section 313

None

Toxic Substance  
Control Act (TSCA)

Not applicable

CERCLA  
Reportable Quantity

None

Clean Air  
Amendments —  
Hazardous Air  
Pollutants

None

California State  
Proposition 65

Not applicable

## 16. Other Information

The OSHA Hazard Communication Standard 29CFR 1910.1200 requires that the information contained on these sheets be made available to your workers. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.



### Saint-Gobain Proppants

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