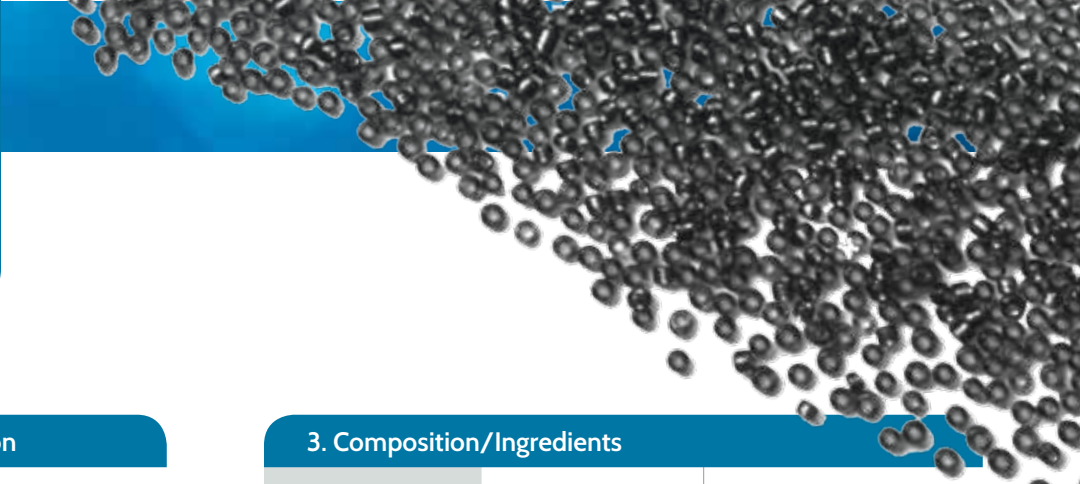


# UltraProp® / Sintered Bauxite®

(all mesh sizes)

Safety Data Sheet  
For Industrial Use Only



## 1. Chemical Name and Company Identification

<b>Product Name</b>	UltraProp® and Sintered Bauxite® (all mesh sizes)
<b>Synonym(s)</b>	Ceramic proppant
<b>Chemical Family</b>	Aluminosilicate
<b>Product Use</b>	Ceramic additive for use in underground oil and gas extraction
<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. Hazards Identification

<b>2.1 Classification of the substance or mixture</b>	The product is not classifiable according to OSHA GHS regulations (29 CFR 1910.1200) in the United States	
	Signal Words: Not regulated	
	Hazard Statements: Not regulated	
	Pictograms: Not regulated	
	Precautionary Statements: Not regulated	
	Label Information: None required	
<b>2.2 Potential Health Effects</b>	<b>Other</b>	WHMIS: Not hazardous under WHMIS NFPA ratings: Health=0, Fire=0, Reactivity=0
	<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.

## 3. Composition/Ingredients

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

## 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.
---------------	---

## 7. Handling and Storage

Store under dry conditions. Handle with adequate ventilation.

## 8. Exposure Control/Personal Protection

<b>8.1 Exposure Control</b>	Minimize creation of dust.				
<b>8.2 Personal Protection</b>	Use NIOSH/MSHA approved respiratory protective equipment when airborne concentrations exceed acceptable criteria. Wear safety glasses at all times to prevent eye irritation.				
<b>8.3 Exposure Guidelines</b>	<b>INGREDIENT</b>	<b>CAS#</b>	<b>%/WT</b>	<b>OSHA PEL/TWA</b>	<b>ACGIH TLV (TWA)</b>
	Aluminum Oxide/ Corundum	1302-74-5	65-85	15mg/m <sup>3</sup> (Total) 5mg/m <sup>3</sup> (Resp)	10mg/m <sup>3</sup> (Total) 3mg/m <sup>3</sup> (Resp)
	Aluminum Silicate/ Mullite	1327-36-2	15-35	15mg/m <sup>3</sup> (Total) 5mg/m <sup>3</sup> (Resp)	10mg/m <sup>3</sup> (Total) 3mg/m <sup>3</sup> (Resp)

## 9. Physical and Chemical Properties

<b>Appearance</b>	Grayish brown to black free-flowing granules
<b>Odor</b>	None
<b>Odor Threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Melting Point</b>	Approximately 3700°F (2070°C)
<b>Boiling Point</b>	Not applicable
<b>Flash Point</b>	Not applicable. This material does not give a flash point by conventional methods.
<b>Evaporation Rate</b>	Not applicable
<b>Flammability</b>	Nonflammable
<b>Upper/Lower Flammability Limits</b>	Not applicable
<b>Vapor Pressure @ 25°C</b>	Not applicable
<b>Vapor Density</b>	Not applicable
<b>Relative Density (S.G.)</b>	Approximately 3.5
<b>Solubility</b>	Nonsoluble
<b>Partition Coefficient</b>	Not applicable
<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Viscosity</b>	Not applicable

## 10. Stability and Reactivity

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

## 11. Toxicological Information

See Section 3

<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.
<b>LC50</b>	Not available
<b>LD50</b>	Not available

Not listed in the National Toxicological Program (NTP) Report on Carcinogens (as of this revision)

Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (as of this revision)

Not found to be a carcinogen by OSHA

## 12. Ecological Information

Not determined

## 13. Disposal Considerations

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

Material must be transported and/or disposed in a manner to prevent spills.

## 14. Transportation Information

<b>14.1 U.S. Department of Transportation</b>	Not regulated
<b>14.2 Canadian Transportation of Dangerous Goods (TDG)</b>	Not regulated

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

SARA Title III	Section 302	None
	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  
5300 Gerber Road  
Fort Smith, AR 72904  
Tel: 479.782.2001  
Toll Free: 800.643.2149  
Fax: 479.782.9984  
[www.proppants.saint-gobain.com](http://www.proppants.saint-gobain.com)

### Disclaimer

Seller makes no warranty, expressed or implied, concerning the product or the merchantability or fitness thereof for any purpose, except that the product conforms to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall seller be liable for incidental or consequential damages, whether buyer's claim is based on contract, breach of warranty, negligence or otherwise.

SDS REVISION 30-APR-2015