



Material: BROWN ALUMINIUM OXIDE (BFA)

MATERIAL SAFETY DATA SHEET

Section I. Identification of the Substance and of the Company

Product Name	Brown Fused Aluminium Oxide (BFA)
Distributor:	GritSablare
Headquarter:	10 Eliza Zamfirescu Leonida Street, Bucharest
Storage & Logistic:	Constanța Seaport, Gate 2, SORENA Platform, Constanța, Romania
Phone:	(+4) 0722.279.481
Email:	comercialgritsablare@gmail.com
Website:	www.gritsablare.ro

Section II. Physical and Chemical Properties

Shape:	Solid angular particles								
Color:	Brown								
Odor:	None								
Solubility in Water:	Insoluble in Water								
Hardness:	9.0 Mohs scale								
Density:	(approx.) 3.9 g/cm ³								
Gravity:	(approx.) 4.6 gr/cc								
Fusing point:	(approx.) 4000°F 2200°C								
Chemical Composition	<table border="1"> <tr> <td>Al₂O₃</td> <td>≥ 95.5%</td> </tr> <tr> <td>Fe₂O₃</td> <td>≤ 0.3%</td> </tr> <tr> <td>SiO₂</td> <td>≤ 1.5%</td> </tr> <tr> <td>TiO₂</td> <td>2.0 – 3.5%</td> </tr> </table>	Al₂O₃	≥ 95.5%	Fe₂O₃	≤ 0.3%	SiO₂	≤ 1.5%	TiO₂	2.0 – 3.5%
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TiO₂	2.0 – 3.5%								

Section III. Fire and Explosion Hazard Information

Uneasily be combustible in the air. And without explosion hazard.

Section IV. Stability and Reactivity

Chemical Stability

Stable

Conditions to Avoid

Contact with water.

Section V. Health Hazards Data

Potential Health Effects

Eye:

No hazard

Skin:

No hazard

Ingestion:

No hazard

Section VI. First Aid Measures

No Hazard

Section VII. Exposure Controls

Engineering Controls

Stable

Section VIII. Personal Protection

Use with protection equipment.

Section IX. Handling

Normal running.

Section X. Storage

The product must be kept dry.

Section XI. Transport Information

No information available.

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