

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: January 2008

SECTION I- IDENTIFICATION

Product Name:
SINTERBLAST
Chemical Family: **Oxides**
Chemical Name: High temperature calcined Bauxite
Chemical Formula: **Al₂O₃**
Plus Fe₂O₃ Plus 3 Al₂O₃ 2 SiO₂
Manufacturers Name:
Mineração Curimbaba Ltda.
Factory Address: **Av. João Pinheiro, 3665-PO Box 902 37701-387 – Poços de Caldas – MG – Brazil**
USA Office:
U.S. Electrofused Minerals, Inc.
600 Steel Street, Aliquippa, PA 15001
Phone: 1-800-927-8823
Fax: 1-800-729-8826

SECTION II-PHYSICAL CHARACTERISTICS

Appearance & Odor: Black little angular grains. No Odor
Bulk Density: 1.80 G/CM³
Boiling Point: **4500°F**
Volatiles (% By WT): **Not Applicable**
Water Solubility: **Not Applicable**

SECTION III-CHEMICAL CHARACTERISTICS

| | |
|--------------------------------------|------|
| Al ₂ O ₃ | 78.2 |
| Fe ₂ O ₃ | 13.0 |
| SiO ₂ | 4.21 |
| TiO ₂ | 1.82 |
| CaO + MgO | 0.22 |
| K ₂ O + Na ₂ O | 0.83 |
| Solubility: (HCl + HF) | 6.0 |

SECTION IV-FIRE AND EXPLOSION DATA

Flash Point: **Not Applicable**
Flammability Limits: **Not Applicable**
Extinguishing Media: **Not Applicable**
Unusual Fire & Explosion Hazards: **Not Applicable**
Special Fire Fighting Procedures: **Not Applicable**

SECTION V – HEALTH HAZARD DATA

Threshold Limit Value: **10 mg/m³ as Total Dust**
Effects Of Over Exposure: **Not Applicable**
Emergency First Aid Procedure: **Not Applicable**
NOTE: THIS MATERIAL IS A NON-TOXIC NUISANCE DUST CONTAINS NO FREE SILICA OR CRYSTALLINE SILICA OR FREE IRON.

SECTION VI- REACTIVITY DATA

Stability: **Stable**
Hazardous Polymerization: **Will Not Occur**
Conditions To Avoid: **Not Applicable**
Incompatibility (Materials To Avoid): **None**
Hazardous Decomposition Products: **Not Applicable**

SECTION VII- SPILL OR LEAK PROCEDURES

Steps To Be Taken If Material Is Released Or Spilled: **This Material is Inert and May be Handled by Ordinary Means Such as: Broom, Shovel, Vacuum Cleaner, etc**
Waste Disposal Method: **Dispose of in Accordance with Federal State and Local Regulations**

SECTION VIII- SPECIAL PROTECTION INFORMATION

Respiratory Protection: **In Cases of Dust Build-up in Excess of the “TLV” an “NIOSH” Approved Air Respirator is Recommended.**

SECTION IX- SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: **Use Adequate Ventilation so as to Avoid Exceeding “TLV”**
Other Precautions: **Avoid bag damage – Product can cause a slippery floor.**

THIS IS ESSENTIALLY SIMILAR TO FORM OSHA 20