

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 05-11-2007

SECTION I- IDENTIFICATION

Product Name: **BT**
Chemical Family: **Oxides**
Chemical Name:
**Fused Aluminum Oxide –
Brown**
Chemical Formula: **Al₂O₃**
Manufacturers Name:
**Elfusa Geral de
Eletrofusão Ltda**
Factory Address: **São João
da Boa Vista – São Paulo
– 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-PHISICAL CHARACTERISTICS

Appearance & Odor:
**Crystalline Particles: No
Odor**
Specific Gravity (H₂O=1):
4.0 g/cm³
Boiling Point: **6000 F**
Volatiles (% By WT): **Not
Applicable**
Water Solubility: **Not
Applicable**

SECTION III-CHEMICAL CHARACTERISTICS

| | |
|--------------------------------|-------|
| Al ₂ O ₃ | 95.53 |
| TiO ₂ | 2.82 |
| SiO ₂ | 0.90 |
| Fe ₂ O ₃ | 0.18 |
| MgO | 0.28 |
| CaO | 0.11 |
| Na ₂ O | 0.11 |
| K ₂ O | 0.07 |

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**

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: **Not
Applicable**

**THIS IS ESSENTIALLY
SIMILAR TO FORM OSHA
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