

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 01-01-2004

SECTION I - IDENTIFICATION

Product Name: BT
Chemical Family: Oxides
Chemical Name:
Fused Aluminum Oxide -
Brown
Chemical Formula: Al₂O₃
Manufacturers Name:
Elfusa Geral de
Eletofusão Ltda
Factory Address: São João
da Boa Vista - São Paulo
- Brazil
USA Office: 600 Steel St.
Aliquippa, PA 15001

SECTION II - PHYSICAL 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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