

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: JANUARY 1, 1996

SECTION I.

PRODUCT NAME:
CHEMICAL FAMILY:
CHEMICAL NAME:
CHEMICAL FORMULA:
MANUFACTURERS NAME:
FACTORY ADDRESS:
USA OFFICE:

IDENTIFICATION

AL
OXIDES
FUSED ALUMINIUM OXIDE - WHITE
AL₂O₃
ELFUSA GERAL DE ELETROFUSÃO LTD.
SÃO JOÃO DA BOA VISTA
SÃO PAULO BRAZIL

SECTION V.

THRESHOLD LIMIT VALUE
EFFECTS OVER EXPOSURE
EMERGENCY FIRST AID
PROCEDURE

HEALTH HAZARD DATA

10mg/m³ AS TOTAL DUST
NOT APPLICABLE
NOT APPLICABLE

NOTE: THIS MATERIAL IS A NON - TOXIC NUISANCE DUST

SECTION II.

APPEARANCE & ODOR:
SPECIFIC GRAVITY (H₂O=1):
BOILING POINT:
VOLATILES (% BY WT):
WATER SOLUBILITY:

PHYSICAL CHARACTERISTICS

CRYSTALLINE PARTICLES: NO ODOR
4.0 g/cm³
6000 F
NOT APPLICABLE
NOT APPLICABLE

SECTION VI.

STABILITY
HAZARDOUS POLYMERIZATION
CONDITIONS TO AVOID
INCOMPATIBILITY
(MATERIALS TO AVOID)
HAZARDOUS DECOMPOSITION
PRODUCTS

REACTIVITY DATA

STABLE
WILL NOT OCCUR
NOT APPLICABLE
NONE

SECTION III.

MATERIAL

CHEMICAL CHARACTERISTICS

AL ₂ O ₃	99.44 %
TiO ₂	nihil %
SiO ₂	0.03 %
Fe ₂ O ₃	0.09 %
MgO	0.01 %
CaO	0.02 %
Na ₂ O	0.40 %
K ₂ O	0.01 %

SECTION VII.

STEPS TO BE TAKEN IF
MATERIAL IS RELEASED OR
SPILLED

SPILL OR LEAK PROCEDURES

NOT APPLICABLE
THIS MATERIAL IS INERT AND MAY BE HANDLED
BY ORDINARY MEANS SUCHAS: BROOM, SHOVEL,
VACUUM/CLEANER, etc.

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH FEDERAL,
STATE AND LOCAL REGULATIONS.

SECTION VIII.

RESPIRATORY PROTECTION

SPECIAL PROTECTION INFORMATION

IN CASES OF DUST BUILD-UP IN EXCESS OF
THE "TLV" AN "NIOSH" APPROVED AIR
RESPIRATOR IS RECOMMENDED.

SECTION IV.

FLASH POINT
FLAMMABILITY LIMITS
EXTINGUISHING MEDIA
UNUSUAL FIRE & EXPLOSION
HAZARDS
SPECIAL FIRE FIGHTING
PROCEDURES

FIRE AND EXPLOSION DATA

NOT APPLICABLE
NOT APPLICABLE
NOT APPLICABLE
NOT APPLICABLE

SECTION IX.

PRECAUTIONS TO BE TAKEN IN
HANDLING AND STORING
OTHER PRECAUTIONS
NOT APPLICABLE
NOT APPLICABLE

SPECIAL PRECAUTIONS

USE ADEQUATE VENTILATION SO AS TO AVOID
EXCEEDING "TLV"
NOT APPLICABLE

THIS IS ESSENTIALLY SIMILAR TO FORM OSHA 20