

Material Safety Data Sheet

Identity: Aluminum Oxide – Brown Color

SECTION I

Distributor:	Gresco Products, Inc.
Address:	13391 Murphy Road - Stafford, TX 77477
Emergency Telephone Number:	None
Telephone Number for Information:	(281) 261-1811
Date Prepared:	July 26, 2004

SECTION II & III - Hazardous Ingredients & Physical/Chemical Characteristics

Hazardous Components (As Defined by CFR 1910.1200):	None Known
Exposure Limits:	ACGIH-TLV – 10 mg/m ³ OSHA PEL – 15 mg/m ³
Ingredients:	Alpha Alumina CAS# 68389-42-4 Titania CAS# 13463-67-7
Boiling Point:	Not Applicable
Vapor Pressure (mm Hg.):	0 at 20°C
Vapor Density (Air = 1):	1
Specific Gravity (water = 1):	3.95
Melting Point:	2040°C
Evaporation Rate (Butyl Acetate = 1):	0
Solubility in Water:	Insoluble
Appearance and Odor:	Brown, coarse powder, no odor

SECTION IV - Fire and Explosion Data

Flash Point (Method Used):	Will not burn
Flammable Limits:	None
Extinguishing Media:	None
Special Fire Fighting Procedures:	None required
Unusual Fire and Explosion Hazards:	None known

SECTION V - Reactivity Data

Stability:	Stable
Incompatibility (Materials to Avoid):	Certain acids
Hazardous Decomposition or By Products:	Not known
Hazardous Decomposition:	None known

SECTION VI - Health Hazard Data

Routes of Entry:

inhalation?:	Yes
skin?:	No
ingestion?:	No
eyes?:	No
Health Hazards (Acute and Chronic):	Prolonged exposure (breathing) to dust may cause health problems

Carcinogenicity:

NTP?:	Not known to be carcinogenic
IARC Monographs?:	None known
Signs and Symptoms of Exposure:	Undue breathlessness, wheezing, cough, sputum production.
Medical Conditions Aggravated by Exposure:	None known, but this product may aggravate existing lung conditions
Emergency and First Aid Procedures:	Eyes: Wash with large amount of water, consult a Inhalation: Remove person(s) to fresh air, give artificial respiration as needed, seek medical attention. Ingestion: For small amounts - give water. For large amounts - see physician.

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SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:

Clean spilled material in a dustless manner.

Waste Disposal Method:

Dispose in accordance with local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing:

Avoid spilling material and creating dust.

Other Precautions:

Use adequate ventilation and dust collection.

SECTION VIII - Control Measures

Respiratory Protection:

Recommended - with approved filter for Aluminum Oxide

Ventilation:

Use sufficient exhaust to reduce the level of dust

Protective Gloves:

Optional

Eye Protection:

Recommended

Other Protective Clothing or Equipment:

Optional

Work/Hygienic Practices:

Avoid creating and breathing dust.