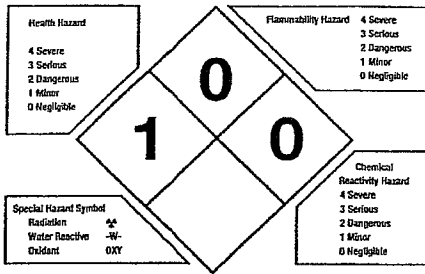


NFPA HAZARD LABEL



SECTION I

TRADE NAME
WHITE FUSED ALUMINUM OXIDE

CHEMICAL NAME
INERT OXIDE

SECTION II CHEMICAL COMPOSITION

CHEMICAL NAME	%	OSHA REGULATED (Y/N)	CAS #	PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	OSHA CARCINOGEN (Y/N)
Aluminum Oxide (Al ₂ O ₃)	99.6	Y	1344-28-1	5mg/m ³	10mg/m ³	N
Sodium Oxide (Na ₂ O)	.35	-	-	-	-	-
Silicon Dioxide (SiO ₂)	.03	N	7631-86-9	-	6mg/m ³	N
Iron Oxide (Fe ₂ O ₃)	.02	N	1309-37-1	-	-	-
Other oxides less than 1% Titanium Dioxide (TiO ₂)	-	-	-	-	-	-

SECTION III PHYSICAL DATA

MELTING POINT	2000 C
HARDNESS	9 Mohs, 2100 Knoop
SOLUBILITY	Insoluble in water and organic solvents
pH	7-8
SPECIFIC GRAVITY	3.77gm/cc
APPEARANCE AND ODOR	White powder, odorless, blocky, sharp crystal
FLAMMABILITY	Non-flammable, does not support combustion, not an explosion hazard
STABILITY	Stable, polymerization will not occur, does not react with water, air, heat or strong oxidizers
BULK DENSITY (RANGE)	1.50-1.79 gm/cm ³

Effective date 01-01-09

SECTION IV HEALTH, FIRST AID & MEDICAL DATA

PRIMARY ROUTES OF ENTRY	ACUTE AND CHRONIC HEALTH EFFECTS & EFFECTS OF OVEREXPOSURE
INHALATION	Aluminum Oxide is a low health risk by inhalation and should be treated as specified by the American Conference of Governmental Hygienists (ACGIH). Long term exposure may cause coughing, shortness of breath and may affect lung capacity.
INGESTION	Non-Toxic. May cause irritation of the throat and digestive passageways
SKIN CONTACT & ABSORPTION	No evidence of adverse effects expected
EYE	May cause irritation
OTHER POTENTIAL HEALTH RISKS	No additional information available
FIRST AID	Inhalation: Remove person to fresh air, consult a physician Ingestion: Do not induce vomiting, consult a physician Skin contact: Shower at end of work day Eyes: May cause irritation, flush with water and contact a physician Carcinogen: No evidence of Carcinogenicity

SECTION V SAFE HANDLING & USE

HANDLING PROCEDURES	Nonhazardous, comply with Federal, State and Local regulations for landfill methods. Normal clean-up procedures: shovels, vacuum, broom into paper bag or drum. Use adequate ventilation and when exposure is excessive use a Niosh approved respirator.
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SECTION VI REGULATORY INFORMATION

TSCA	The chemical components of this product are registered under the Toxic Substance Control Act (Title 40 CFR part 10).
CERCLA	This substance contains no ingredients listed on the extremely hazardous CERCLA lists.
EPCRA (Sections 302, 304, 311, 312 and 313)	The reportable chemical substances in this product are regulated by OSHA 29 CFR 1910. 1200 and are subject to reporting requirements.
DOT	Not regulated as a hazardous substance.

The information contained on this product data/specifications sheet reflects the latest information and data that we have on hazards, properties and handling of this product under the recommended conditions of use. Any modification of product use or method of application is the responsibility of the user. Seller makes no other warranty or representation of any kind, expressed or implied, concerning the product. This information is intended to be in compliance with the OSHA Hazard Communication Standard.