

MATERIAL SAFETY DATA SHEET

Product Identification	S.S. White Product Name AccuBRADE™ - 27E Powder# 1M		S.S. White Code No.	NFPA Codes (Ratings) Flamability - 0, Health - 1, Hazard - , Reactivity - 0									
	Chemical Name and Molecular Formula Alpha Alumina Al ₂ O ₃		CAS No.(s) 1344-28-1 (Al ₂ O ₃) 13463-67-7 (TiO ₂)										
	Synonyms Alumina		Chemical Family Aluminum Oxide										
Hazardous Ingredients	MATERIALS OR COMPONENTS		% W/W	HAZARD DATA (TLV, LD50, LC50, ETC.)									
	Alpha Alumina (Aluminum Oxide) Al ₂ O ₃ Titanium Dioxide (Titania) TiO ₂ Impurities SiO ₂ +Fe ₂ O ₃ +CAO+MgO+NAO+K ₂ O		96.3 2.8 1.5	TLV (ACG1H) 10 Mg/M ³ ; Not a carcinogen.									
Shipping Information	Standard Truck												
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Physical Properties	Boiling Point NAIF °C °F	Melting Point 2040 °C °F		Freezing Point N/A °C °F									
	Molecular Weight (calculated) NAIF		Vapor Density (Air=1) NAIF										
	Specific Gravity (H ₂ O=1) 3.95 @ °C 72 ROOM °F	Vapor Pressure (mm hg) NAIF @ °C °F											
	Solubility in Water INSOLUBLE	% Volatiles by Volume NAIF	Evaporation Rate NAIF Ether=1 Water=1 Butylacetate=1										
Appearance and Odor GRANNULAR, GREY BROWN TO RED BROWN, NO ODOR			Other NAIF										
Fire and Explosion Data	Flash Point NAIF °C °F	Test Method	Flammable Limits N/A Lower % Upper %										
	Autoignition Temperature/Fire Point N/A °C °F												
	Extinguishing Media Water-spray Water-fog Water-stream CO ₂ Chemical Dry foam Alcohol Foam Sand Earth or *** N/A												
	Special Fire Fighting Procedures Do not enter building Allow fire to burn Water may cause frothing Do not use water Use self contained breathing apparatus *** NONE												
Unusual Fire and Explosion Hazards Dust explosion hazard Sensitive to shock Contamination Temperature (specify): NONE Other ****													
Reactivity Data	Stability *** Stable Unstable		Conditions Contributing to Instability Thermal decomposition Photo degradation Polymerization Contamination										
	Incompatibility - Avoid contact with Strong acids Strong alkalis Strong oxidizers Other **** (specify): NAIF												
	Hazardous Decomposition Products - Thermal and Otherwise (list) NAIF												
	Conditions to Avoid NAIF Heat Open Flames Sparks Ignition Sources Other (specify):												

**Special
Precautions**

Precautionary Measures

Wash thoroughly after handling Do not get in eyes, on skin or clothing Do not breath dust, vapor, mist, gas Keep container closed Keep away from heat sparks, open flame

Store in tightly closed containers Do not store near combustibles Keep from contact with clothing and other combustible material Empty container may contain hazardous residues

Use explosion proof equipment Other (specify): ****NAIF

Other Handling and Storage Conditions NONE, REGISTERED UNDER TOXIC SUBSTANCES CONTROL ACT (TITLE 40 CFR PART 710)

Prepared By

Date

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2/11/2003

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Please Note: "The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control. S.S. White makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein. S.S. White disclaims all liability for reliance thereon."

**** NAIF - (NE) No applicable information found. *** N/A - Not applicable.