S.S. White Technologies, Inc.

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Material Safety Data Sheet

Product Identification	S.S. White Product Name: AccuMATTE-75 Blend #: **10** Chemical Name: Soda Lime Glass Molecular Formula: **See below.**	Chemical Family: Glass Oxide Synonyms: Crushed Glass CAS No.(s): 65997-17-3 (Silicon Dioxide)
Hazardous Ingredients	Materials or Components: **Silicon Dioxide, SiO_2** **Aluminum Oxide, Al_2O_3** **Calcium Oxide, CaO** **Sodium Oxide, NaO** **Magnesium Oxide, MgO** **Potassium Oxide, KO** **TLV (ACG1H) 10 mg/M³ (Total Dust)** **Not a carcinogen. Contains no free silica. All components are amorphous (non-crystalline).**	%WW **72.5** **0.4** **9.75** **13.7** **3.3** **0.1**
Shipping Information	Standard Truck	
Physical Properties	Boiling Point: **NAIF** Melting Point: 730ºC (1346º F) Softening Point Freezing Point: **N/A** Molecular Weight(Calculated): **NAIF** Specific Gravity (H_20+1): **2.46-2.49 g/cc, @ ambient** Vapor Pressure (mm hg): **NAIF**	Vapor Density (air = 1): **NAIF** Solubility in Water: **Insoluble** % Volatile by Volume: 0.05-0.5 as moisture Evaporation Rate: **NAIF** Ether=1 Water =1 Butylacetate=1 Appearance and Color: **White powder, no odor** Other:
Fire and Explosion Data	Flash Point: Test Method; **NAIF** Flammable Limits: **N/A** Lower % Upper % Auto-ignition temperature: **N/A** Extinguishing media: ☐ Water Spray ☐ Water Fog ☐ Water Stream ☐ CO_2 ☐ Dry Chemical ☐ Alcohol foam ☐ Foam ☐ Earth or sand ☐ 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 4 None Unusual Fire and Explosion Hazards: ☐ Dust explosion hazard ☐ Sensitive to shock ☐ Contamination ☐ Temperature (Specify_____) 4 None
Reactivity Data	Stability: 4 Stable ☐ Unstable Conditions Contributing to Instability: ☐ Thermal decomposition ☐ Photo degradation ☐ Polymerization ☐ Contamination Incompatibility (Avoid contact with): ☐ Strong acids ☐ Strong alkalis ☐ Strong oxidizers 4 Other (specify: **Avoid Hydrofluoric Acid**)	Hazardous Decomposition Products (Thermal and otherwise-list): **NAIF** Conditions to Avoid: 4 NAIF ☐ Heat ☐ Open flames ☐ Sparks ☐ Ignition sources ☐ Other (Specify_____)
Spill or Leak	Steps To Be Taken If Material Is Released Or Spilled: ☐ Flush With Water ☐ Absorb with Sand ☐ Neutralize or inert material 4 Sweep or Scoop up and remove ☐ Keep upwind evacuate enclosure ☐ Dispose of immediately 4 Other (specify: **Spillage may result in slippery conditions. When transporting material care should be taken to avoid dusting.**)	Waste Disposal Method - *consult federal, state, or local authorities for proper procedures.* **Standard landfill methods consistent with applicable federal, state, and local laws.**
Toxicity	Oral (acute): **Gross ingestion (1/2lb. +) may cause alkalosis: however as a natural material in the body, it is well tolerated and normal.** Dermal (acute): Not **absorbed through skin; may cause abrasion.** Inhalation (acute): May **cause coughing, shortness of breath.**	Eye (Dust): May **irritate eyes, Wash with large amounts of water, obtain first aid or medical assistance, if needed.** Chronic, Subchronic, Etc.: **Inhalation- may affect breathing capacity** Other Potential Health Risks: **Not Known**

Effects of Exposure	Permissible Exposure Limit (specify if TLV/TWA or Ceiling [c]): ACGIH **19 86 NAIF, OSHA 19 86 NAIF** Other: Irritation: ☐ Skin, Severe ☐ Skin, Moderate ☐ Eye, Severe ☐ Eye, Moderate 4 Eye, Mild(transient) Corrosively: ☐ Skin, 4 hours (DOT) ☐ Skin, 24 hours (CPSC) ☐ Eye, May cause blindness 4 NAIF	Sensitization: ☐ Skin ☐ Respiratory ☐ Allergen 4 NAIF Inhalation Effects: ☐ Narcotic effect ☐ Cyanosis ☐ Asphyxiant Lung Effects: 4Acute, may cause coughing, shortness of breath 4 Chronic, may affect breathing capacity Other: ☐ Repeated contact skin defatter ☐ Other (specify_____) ☐ None Known
Emergency First Aid	Ingestion: **Gross** 4 Induce vomiting ☐ Do not induce vomiting 4 Give plenty of water 4 Get medical attention ☐ Other (specify:_____) Inhalation: 4 Remove to fresh air 4 If not breathing, give artificial respiration ☐ Give oxygen 4 Get medical attention ☐ Other (specify_____)	Dermal: 4 Flush with soap and water ☐ Get medical attention ☐ Contaminated clothing, remove and launder ☐ Contaminated shoes, destroy ☐ Other (specify_____) Eye Contact: 4 Flush with plenty of water for at least 15 minutes 4 Get medical attention ☐ Other (specify_____)
Special Protection Information	Ventilation Requirements - *Always maintain exposure below permissible exposure limits:* ☐ Consult an industrial hygienist or environmental health specialist ☐ Local exhaust ☐ Use with adequate ventilation ☐ Check for air contaminant and oxygen deficiency 4 Other (specify **See OSHA (29CFR1910.94 and 29CFR1910.1000)** Eye: ☐ Face shield and goggles ☐ Safety glasses 4 Goggles	Hand (glove type): ☐ Butyl rubber ☐ Polyvinyl alcohol ☐ Polyvinyl chloride ☐ Neoprene ☐ Natural rubber ☐ Polyethylene 4 Other(specify: as desired by the user) Respirator Type- *use only NIOSH approved equipment*: ☐ Self-contained ☐ Supplied air ☐ Can or cartridge gas or vapor 4 Filter- dust, fume, mist ☐ Other(specify_____) Other Protective Equipment: ☐ Rubber boots ☐ Apron ☐ Other(specify_____) 4 NAIF
Special Precautions	Precautionary Measures: ☐ Wash thoroughly after handling ☐ Do not get in eyes, on skin or clothing ☐ Do not breathe dust, vapor, mist, gas ☐ Keep container closed ☐ Keep away from heat, sparks, open flame 4 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 4 Other (specify: **Do not store with acids**.	Other Handling and Storage Conditions: **Store in cool, dry area.**

Prepared By:	**Date:**
Ken Whittaker	September 28, 2003

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.