

S.S. White Technologies, Inc.

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Product Identification	<u>S.S. White Product Name:</u> AccuMATTE-75 <u>Blend #:</u> 10 <u>Chemical Name:</u> Soda Lime Glass <u>Molecular Formula:</u> See below.	<u>Chemical Family:</u> Glass Oxide <u>Synonyms:</u> Crushed Glass <u>CAS No.(s):</u> 65997-17-3 (Silicon Dioxide)
Hazardous Ingredients	<u>Materials or Components:</u> Silicon Dioxide, SiO ₂ Aluminum Oxide, Al ₂ O 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).	<u>%WW</u> 72.5 0.4 9.75 13.7 3.3 0.1
Shipping Information		
Physical Properties	<u>Boiling Point:</u> NAIF <u>Melting Point:</u> 730°C (1346° F) Softening Point <u>Freezing Point:</u> N/A <u>Molecular Weight(Calculated):</u> NAIF <u>Specific Gravity (H₂O+1):</u> 2.46-2.49 g/cc, @ ambient <u>Vapor Pressure (mm hg):</u> NAIF	<u>Vapor Density (air = 1):</u> NAIF <u>Solubility in Water:</u> Insoluble <u>% Volatile by Volume:</u> 0.05-0.5 as moisture <u>Evaporation Rate:</u> NAIF Ether=1 Water =1 Butylacetate=1 <u>Appearance and Color:</u> White powder, no odor <u>Other:</u>
Fire and Explosion Data	<u>Flash Point:</u> Test Method; NAIF <u>Flammable Limits:</u> N/A Lower % Upper % <u>Auto-ignition temperature:</u> N/A <u>Extinguishing media:</u> <input type="checkbox"/> Water Spray <input type="checkbox"/> Water Fog <input type="checkbox"/> Water Stream <input type="checkbox"/> CO ₂ <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Alcohol foam <input type="checkbox"/> Foam <input type="checkbox"/> Earth or sand <input type="checkbox"/> N/A	<u>Special Fire Fighting Procedures:</u> <input type="checkbox"/> Do not enter building <input type="checkbox"/> Allow fire to burn <input type="checkbox"/> Water may cause frothing <input type="checkbox"/> Do not use water <input type="checkbox"/> Use self-contained breathing apparatus 4 None <u>Unusual Fire and Explosion Hazards:</u> <input type="checkbox"/> Dust explosion hazard <input type="checkbox"/> Sensitive to shock <input type="checkbox"/> Contamination <input type="checkbox"/> Temperature (Specify _____) 4 None
Reactivity Data	<u>Stability:</u> 4 Stable <input type="checkbox"/> Unstable <u>Conditions Contributing to Instability:</u> <input type="checkbox"/> Thermal decomposition <input type="checkbox"/> Photo degradation <input type="checkbox"/> Polymerization <input type="checkbox"/> Contamination <u>Incompatibility (Avoid contact with):</u> <input type="checkbox"/> Strong acids <input type="checkbox"/> Strong alkalis <input type="checkbox"/> Strong oxidizers 4 Other (specify: Avoid Hydrofluoric Acid)	<u>Hazardous Decomposition Products (Thermal and otherwise-list):</u> NAIF <u>Conditions to Avoid:</u> 4 NAIF <input type="checkbox"/> Heat <input type="checkbox"/> Open flames <input type="checkbox"/> Sparks <input type="checkbox"/> Ignition sources <input type="checkbox"/> Other (Specify _____)
Spill or Leak	<u>Steps To Be Taken If Material Is Released Or Spilled:</u> <input type="checkbox"/> Flush With Water <input type="checkbox"/> Absorb with Sand <input type="checkbox"/> Neutralize or inert material 4 Sweep or Scoop up and remove <input type="checkbox"/> Keep upwind evacuate enclosure <input type="checkbox"/> Dispose of immediately 4 Other (specify: Spillage may result in slippery conditions. When transporting material care should be taken to avoid dusting.)	<u>Waste Disposal Method - consult federal, state, or local authorities for proper procedures.</u> Standard landfill methods consistent with applicable federal, state, and local laws.
Toxicity	<u>Oral (acute):</u> Gross ingestion (1/2lb. +) may cause alkalosis: however as a natural material in the body, it is well tolerated and normal. <u>Dermal (acute):</u> Not absorbed through skin; may cause abrasion. <u>Inhalation (acute):</u> May cause coughing, shortness of breath.	<u>Eye (Dust):</u> May irritate eyes, Wash with large amounts of water, obtain first aid or medical assistance, if needed. <u>Chronic, Subchronic, Etc.:</u> Inhalation- may affect breathing capacity <u>Other Potential Health Risks:</u> Not Known

