FLAMMABILITY **MATERIAL SAFETY DATA SHEET** HEALTH REACTIVITY 0 **HAZARD RATING (NFPA)** SECTION I IDENTIFICATION Manufacturer: Comco Inc. Emergency Telephone No: (818) 841-5500 Document: SD1002, Rev D Issue Date: Nov. 2007 2151 N. Lincoln St., Burbank, CA 91504 Chemical Name: Crushed Soda-Lime Glass Trade Name: K Chemical Family: Glass, Oxide Formula: SiO₂ Part Numbers: PD1027 (plus dash no's of each) **SECTION II COMPOSITION** <u>%</u> Component CAS# **OSHA Exp** TLV Carcinogen 10 mg/m^3 Glass, Oxide 100 65997-17-3 No 15 mg/m^3 Consisting of: 72.5 Silicon Dioxide 7631-86-9 Calcium Oxide 9.8 1305-78-8 Sodium Oxide 13.7 1313-59-3 Free Silica None (all components are amorphous/non-crystalline) SECTION III PHYSICAL AND CHEMICAL DATA Softening Pt: 730°C Boiling Pt.: N/A Specific Gravity: 2.46-2.49 g/cc Vapor Pressure: N/A Percent Volatile: N/A Vapor Density: N/A Evap. Rate: N/A Sol. in Water: N/A Sol. in Alcohol: N/A Solubility in other Solvent: Soluble in Hydrofluoric Acid Appearance and Odor: Fine granular powder, white color, odorless SECTION IV FIRE AND EXPLOSION HAZARD DATA Flash Point: N/A Method Used: N/A Explosion Potential: N/A Flammable Limits: LEL: N/A UEL: N/A Special Fire Fighting Procedures: N/A Extinguishing Media: N/A SECTION V HEALTH, FIRST AID, AND MEDICAL DATA Inhalation of dust, dust in eyes Risk: Acute Health Effects: May cause coughing, shortness of breath Chronic Health Effects: May affect breathing capacity Remove to fresh air. Apply artificial respiration if needed. Wash eyes with warm First Aid Procedures: water if required. Obtain medical help SECTION VI CORROSIVITY AND REACTIVITY DATA Polymerization: N/A Incompatibility: Hydrofluoric Acid Stability: Stable Conditions to be Avoided: N/A Decomposition Products: N/A SECTION VII STORAGE, HANDLING, AND USE PROCEDURES Normal Storage and Handling: Use adequate ventilation for nuisance dust Normal Use: Same as above; avoid excessive dusting In Case of Spills: Same as above; use dust masks Waste Disposal: Standard landfill methods, when in pure (as supplied) state SECTION VIII PERSONAL PROTECTION INFORMATION Approved NIOSH dust mask if recommended exposure limits are exceeded **Respiratory Protection:** Ventilation: Local exhaust Eve Protection: NIOSH goggles recommended Gloves: If desired by user Other: N/A SECTION IX SPECIAL PRECAUTIONS No special precautions required Comco Inc. 2151 N. Lincoln Street / Burbank CA 91504-3344, USA / 818-841-5500 E-mail: tech@COMCOinc.com / Fax: 818-955-8365 / www.COMCOinc.com