



An Innovated Company in Fiber Products Manufacturing

MATERIAL SAFETY DATA SHEET

Section I – Product Identification

Trade Name: Tandem 350
Manufacturer: BSP
Address: P.O. Box 68 – 600 E. Main Street
Elkin, N.C. 28621
Telephone: (336) 835-5153

Section II – Product Ingredients

Ingredients:
Major Calcium alumino silicate (Ca, Al, Na, Si)
(CAS no. 65997-17-3)
PolyPropelene Coating
Minor Starch or Silane based sizing

Section III – Physical Data

Boiling Point (°C): Not Applicable
Vapor Pressure (mm Hg): Not Applicable
Vapor Density (Air + 1) Not Applicable
Evaporation Rate (Butyl Acetate = 1) Not Applicable
Specific Gravity (H²O = 1): 2.5 – 2.6
Water Solubility (%) Negligible
Softening or Melting Point (°C): 830-860
Appearance and Odor: White, Odorless

Section IV – Fire & Explosion

Flash Point (Method): Nonflammable
Extinguishing Media: No fire hazard
Fire Fighting Procedures: Not Applicable
Fire and Explosion Hazard: Not Applicable

Section V – Reactivity Date

Stability: Material is stable
Chemical Incompatibilities: Hydrofluoric Acid
Conditions to Avoid: None in designed use
Hazardous Decomposition Products: Not determined
Hazardous Polymerization: Material does not polymerize

Section VI – Health Hazards:

A. OSHA Threshold Limit Value (RLV, 9-hr. TWA): PSJA: 5,g/m³-respirable dust, 15 mg/m³-total dust

ACGIH Permissible Exposure Limit (PEL,8-hr. TWA): 5 mf/m³ or 1 fiber/cc

B. Route(s) of Exposure: Inhalation, skin, eye contact, ingestion

C. Effects of Overexposure:

Inhalation: Pre-existing respiratory or lung diseases may be aggravated

Skin: Fibers larger than 5 microns in diameter may cause mild irritation

Eyes: Irritation

Ingestion: May cause minor, temporary irritation

D. First/Aid Emergency Procedures:

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention

Skin: Wash with soap and cool salt water. If irritation persists, obtain medical attention

Eyes: Flush eyes with water for 15 minutes and obtain medical attention

Ingestion: Remove from situation where ingestion occurs. If irritation persists beyond 24 hours, seek medical attention

E. Chronic Health Effects: There are no known health effects connected with long-term use or contact with this product.

Section VII – Spill or Leak Procedures

Procedure for spills or leak:

Not applicable

Waste Disposal Method:

Comply with federal, stat and/or local disposal landfill regulations

Handling and Storing Precaution:

For optimal use, keep in dry environment

Section VIII – Personal Protection Information

Where excessive inhalation and handling occur, requirements for personal protective Equipment shall be as approved under the provisions of n24 CFR 1910, subpart I:

Inhalation: Where the concentration exceed the TLV or PEL, local ventilation and NIOSH approved respirator are recommended

Skin: Protective clothing should be worn to prevent contact with skin

Eyes: Eye Protection should be worn to prevent contact with skin

Ingestion: Wash with soap and cool salt water. Wash clothing separately from other clothes