

# Material Safety Data Sheet



## **Section I – Product and Company Information**

Manufacturer's Name / Address / Phone Number: Advanced Fiber Technology,  
100 Crossroads Blvd., Bucyrus, Ohio 44820 Ph. (419)-562-1337

Product Name: AFT Cellulose Insulation

Chemical Family: Cellulose treated with Inorganic Salts      Effective: September 2005

## **Section II – Composition and Ingredient Information**

All components are organic in nature and are non-toxic, non-caustic, non-corrosive. Contains no fiberglass, rock wool, asbestos, or formaldehyde. Ingredients are newsprint, boric acid, borax, ammonium sulfate, zinc sulfate, mono-ammonium sulfate, and wheat starch. Boric acid is classified as hazardous under the OHA Hazard Communication Standard based on animal toxicity studies. **This product is not considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.** Exposure limits are PEL-TWA 15mg/m<sup>3</sup> total dust and respirable fraction.

## **Section III - Physical / Chemical Characteristics:**

Appearance: Grayish milled fiber from newsprint	Odor: None to slight paper odor.
Specific Gravity: 0.8 compressed	pH: 6.0 to 8.0
Boiling, Melting, Flash Point: Not Applicable	Viscosity: Not Applicable
Solubility in Water: Insoluble	Vapor Pressure / Density: Not Applicable

## **Section IV – Fire and Explosion Hazard Data**

Flash Point: Not Applicable	Flammable Limits: Not Applicable
LEL / UEL: Not Applicable	Extinguishing Media: Any standard agent\
Fire Fighting Instructions: Use standard procedures	
Unusual Fire and Explosion Hazards: None. Maintain 3-inch clearance between heat generating devices.	

## **Section V – Reactivity Data**

Stability: Stable      Conditions to Avoid: Keep away from strong oxidizers, such as concentrated nitric acid, hydrogen peroxide, and chlorine.  
Hazardous Decomposition or Byproducts: None

## **Section VI - Health Hazard Information:**

Ingestion: Not considered toxic. Do not ingest.  
Skin: Does not normally itch or irritate skin. If skin is broken or sensitive, cover or use gloves.  
Inhalation: Dust may irritate nose or throat. If excessive dust, wear NIOSH approved mask  
Eyes: Wear ANSI approved eye protection if environment is dusty.  
Carcinogenicity: None Known      OSHA Regulated: No, classified as "Nuisance Dust"  
Medical Conditions Generally Aggravated by Exposure: None Known

## **Section VII – Precautions for Safe Handling and Use:**

In Case of Spill: Shovel or sweep up and place in container for disposal.  
Waste Disposal Method: Landfill in accordance with regulations.

Storage: Dry, indoor storage is recommended at ambient temperatures. Do not expose to open flame.  
Precautions in Handling: Individuals with hypersensitivities or allergies should avoid participating in the installation or clean-up.

Transportation: AFT Cellulose Insulation is not a DOT Hazardous Substance.

**Section VIII- Control Measures**

Respiratory Protection: Where dusty conditions exist, use NIOSH approved dust mask.

Ventilation: OK - Not generally required. Protective Gloves: Not generally required

Eye Protection: Dust goggles if dust is annoying

Other Protective Clothing or Equipment: Not generally required

Work / Hygienic Practices: Follow good personal hygiene and housekeeping practices.

**Other Information:** The information presented has been compiled from sources considered dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. This Product Safety Data Sheet is offered solely for your information and considerations. Although the identified product is generally not considered to be toxic, and to the best knowledge of the Manufacturer, there are no known serious health hazards related to its normal and intended use. This MSDS is not to be construed as recommending any practice or product in violation of any law or regulation. We make no warranty as to the results to be obtained in using any material and, since conditions or use is not under our control, we must disclaim all liability with respect to use of any material supplied by us.