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# Material Safety Data Sheet

# AFT-1202

Revised: 14 May 2008

## I Product Information

Product Name: AFT-1202

Trade Name: None assigned

## II NFPA ( 0 = No Hazard; 4 = Severe Hazard )

Health = 1

Reactivity = 0

Fire = 1

## III Ingredient Information

Hazardous Components	CAS Number	OSHA PEL (mg/m <sub>3</sub> )	ACGIH TLV (mg/m <sub>3</sub> )
Aluminum Oxide	1344-28-1	10	10
Barium Sulfate	7727-43-7	5	10
Fiberglass	65997-17-3	5	5
Graphite (Respirable Dust)	7782-42-5	2.5	2
Magnesium Oxide	1309-48-4	15	10
Particulate (Not Regulated)	Not Applicable	15	10

## IV Physical Data

Boiling Point: (°F): NA

Evaporation Rate (Butyl Acetate = 1): NA

Vapor Pressure (mm Hg): NA

Specific Gravity (Water = 1): 2.05 (Typical)

Water Solubility (%): NA

Melting Point (°F): NA

Vapor Density (Air = 1): NA

% Volatile by Volume: NA

Appearance and Odor: Dark gray to black composite with light phenolic odor

## V Fire and Explosion Data

Flash Point (°F): NA

Flammable Limits: LEL = NA UEL = NA

Extinguishing Media: Water, foam, dry chemical

Unusual Fire & Explosion Hazards: None

Special Fire Fighting Procedures: Self-contained breathing apparatus (SCBA) should be used in a sustained fire.

## VI Health Data: A - Summary Risks

Continuous Filament Fiberglass: Inadequate evidence of carcinogenicity in both human and animal studies to link fiber to human cancer. Therefore listed as Group 3.

Clinical Conditions which May be Aggravated: Any condition generally aggravated by mechanical irritants in the air or on the skin.

Target Organs: Skin, lungs

Acute Health Effects: Temporary irritation of the mouth, nose, and throat

Chronic Health Effects: None known

Primary Routes of Entry: Inhalation

**VI Health Data: B - Signs/Symptoms of Overexposure****Inhalation:** May cause temporary upper respiratory irritation**Skin Contact:** Acute: - Transient mechanical irritation  
Chronic - None known.**Ingestion:** Acute - unlikely occurrence. Observe individual and if symptoms develop, consult physician  
Chronic - None known.**Eyes:** Acute - Direct contact may cause mechanical irritation.  
Chronic - None known.**VI Health Data: C - Emergency First Aid Procedures****Inhalation:** Remove individual from exposure. Seek help if irritation persists.**Skin Contact:** Wash with mild soap and water.**Ingestion:** Unlikely occurrence. Consult physician if any unusual reaction is observed.**Eyes:** Flush with running water for at least 10 minutes. If symptoms persist, seek immediate medical attention.**VII Reactivity Data****Conditions to Avoid:** Avoid creating dust. Use vacuum when possible.**Hazardous Decomposition Products:** Incomplete combustion may release toxic products.**VIII Spill or Leak Procedures****Procedure(s) for Spill/Leak:** Use vacuum if dust is involved.**Waste Management:** In accordance with national, state, and local regulations.**IX Special Protection Information****Ventilation:** Use exhaust ventilation when available.**Respirator:** Use NIOSH approved nuisance dust respirator if TLV limits are exceeded.**Goggles:** Use may be appropriate in some operations.**Gloves:** Use may reduce skin irritation in some handling situations**Miscellaneous:** Wear long sleeved shirts and loose fitting clothing. Use good personal hygiene.**X Special Considerations****Special Storage & Handling:** Store in cool, dry area.**Label Information:** "Any fiber or dust may be hazardous to your health. Use respirators and/or other dust control measures as well as eye protection, when handling or processing this product. Do not ingest."**Miscellaneous:** After handling, wash with mild soap and water. Wash work clothes separately.**Note:** The information and recommendations contained in this Material Safety Data Sheet are taken from sources which are believed to be accurate. **ChampionTechnologies, Inc.** make no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user of the information or recommendations.**Prepared / Revised by:** Robyn Willoughby