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Material Safety Data Sheet

AFT-1011

Revised: 12 June 2000

I Product Information

Product Name: AFT-1011

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 ₃)	ACGIH TLV (mg/m ₃)
Aluminum Oxide	1344-28-1	10	10
Barium Sulfate	7727-43-7	5	10
Graphite	7782-42-5		2
Magnesium Oxide	1309-48-4	15	10
Mica	12001-26-2	3	3
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): 1.95 (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

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 & 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. **Champion Friction Company** and **Advanced Friction Technology** 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: William DeChent