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Material Safety Data Sheet

AFT-100

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I Product Information

Product Name: AFT-100

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) |
|--|----------------|-------------------------------|--------------------------------|
| Barium Sulfate | 7727-43-7 | 5 | 10 |
| Chromium Oxide (III) | 1308-38-9 | 0.5 | 0.5 |
| Coal (< 5% SiO ₂ respirable dust) | Not Listed | | 2 |
| Graphite, natural | 7782-42-5 | 2.5 | 2 |
| Iron Oxide (III) | 1309-37-1 | 10 | 5 |
| Magnesium Oxide | 1309-48-4 | 15 | 10 |
| Mineral Fiber | Not Listed | 15 | 10 |
| Particulate, Not Regulated | Not Applicable | 15 | 10 |
| Wollastonite | 13983-17-0 | 5 | 3 |

IV Physical Data

Boiling Point (°F): NA

Evaporation Rate (Butyl Acetate = 1): NA

Vapor Pressure (mm Hg): NA

Specific Gravity (Water = 1): 1.70 (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

Mineral Wool Fiber: Limited evidence of carcinogenicity in humans. However, IARC concluded that Mineral Wool Fiber should be placed in Category 2B, possibly carcinogenic to humans.

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| 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 Technologies, 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.

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Prepared / Revised by: Robyn Willoughby