



For Chemical Emergency call Infotrac @ 1-800-535-5053

**Material Safety Data Sheet**

**Section 1 - Product Information**

<b>Product Name:</b>	AMI-SIL, Panther Felt
<b>Chemical Name:</b>	Continuous filament silicon dioxide/fibrous silica, amorphous silica family

**Section 2 - Hazardous Ingredients**

<u>Chemical Name</u>	<u>CAS#</u>	<u>Percentage</u>
Silicone Dioxide	7631-86-9	>90
<b>Exposure Limits</b>	<b>Permissible Exposure Limit:</b>	N/A
	<b>Ceiling Limits:</b>	N/A
	<b>Short Term Exposure Limit:</b>	N/A
	<b>Can be hazardous to skin?</b>	Yes

**Section 3 - Physical/Chemical Characteristics**

<b>Boiling Point</b>	>3000F	<b>Solubility in Water</b>	Not soluble
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Specific Gravity (H2O = 1)</b>	2.2
<b>Vapor Density (Air = 1)</b>	N/A	<b>Melting Point</b>	N/A
<b>Appearance and Odor / Odor threshold</b>	Black colored solid with no odor.		
<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A	<b>PH</b>	N/A
<b>Melting Point</b>	N/A		

**Section 4 - Fire and Explosion Data**

<b>Lower Explosive/Flammability Limit</b>	N/A	<b>Flash Point</b>	N/A
<b>Upper Explosive/Flammability Limit</b>	N/A	<b>Autoignition Temperature</b>	N/A
<b>Extinguishing Media</b>	Water, foam, carbon dioxide, dry chemicals		
<b>Fire Fighting Measures</b>	In sustained fire, use self contained breathing apparatus		
<b>Fire or Explosion Hazards</b>	N/A		

**Section 5 - Reactivity Data**

<b>Chemical Stability</b>	Stable
<b>Incompatibility</b>	Basic phosphates, hydrofluoric acid, some oxides and hydroxides.
<b>Hazardous Decomposition or Byproducts</b>	Sizing or binders may decompose in fire. Primary decomposition products include carbon monoxid/dioxide, other hydrocarbons.
<b>Hazardous Polymerization</b>	Will not occur.

Section 6 - Health Hazard Data	
<b>Routes of Entry</b>	Inhalations and skin contact
<b>Health Hazards</b>	<i>Acute:</i> See below <i>Chronic:</i> N/A
<b>Carcinogenicity</b>	N/A
<b>Signs and Symptoms of Exposure</b>	<i>Inhalation:</i> Irritation of upper respiratory tract (mouth nose throat) <i>Eye Contact:</i> Temporary mechanical irritation <i>Absorbed through skin:</i> Itching, mechanical irritation <i>Swallowed:</i> Temporary mechanical irritation of the digestive tract. Observe individual. If symptoms develop, seek physician.
<b>Medical conditions generally aggravated by exposure</b>	
<b>Emergency and First Aid Procedures</b>	<i>Eye Contact:</i> Flush with water for 15 minutes. Seek physician if irritation persists.
	<i>Skin Contact:</i> Wash with mild soap and running water. Use washcloth to remove fibers. Do not rub or scratch exposed areas.
	<i>Inhalation:</i> Immediately move to fresh air. Seek physician if irritation persists
	<i>Ingestion:</i> N/A

Section 7 - Precautions for Safe Handling and Use	
<b>Spill or Release Data</b>	For solid product, not applicable. For dusts and fibers generated during fabrication, vacuum up and containerize.
<b>Waste Disposal Method</b>	Dispose in accordance with the federal and state and local regulations as a solid nonhazardous waste.
<b>Handling and Storage</b>	Store in clean, dry area. Keep containers closed.
<b>Other Precautions</b>	N/A

Section 8 - Control Measures	
<b>Respiratory Protection</b>	Disposable dust respirator.
<b>Protective Gloves</b>	Rubber or Polyethylene.
<b>Eye Protection</b>	Goggles
<b>Other Protective Equip.</b>	Long sleeve shirts covering base of neck, long pants, gloves.
<b>Ventilation</b>	General dilution ventilation and/or local exhaust ventilation.
<b>Work/Hygienic Practices</b>	Do not use compressed air to clean. Wash work clothes seperately.

To the best of our knowledge, the information contained above is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained above.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described above, we cannot guarantee that these are the only hazards that exist.