

## Material Safety Data Sheet

### Product Identity

FSK Shield

### Description

FSK Shield consists of one layer of foil, one layer of paper and a fiber scrim for reinforcement. The aluminum foil layer is 0.000285, bonded to 30-pound natural kraft with a flame-retarded adhesive. The layers enclose a tri-directional fiberglass scrim.

### SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>Product Ingredients</u>	<u>CAS Number</u>	<u>TLV/PEL</u>
Aluminum Foil	7429-90-5	
Fiberglass Yarn Reinforcing Kraft Paper	65997-17-3	15.0 mg/m <sup>3</sup>
Polymeric Adhesive	7732-18-5	
Mixture of vinylidene Chloride/butadiene copolymer with Both organic and inorganic fillers	(PVDC/BUTADIENE)	

<u>HAZARDOUS INGREDIENTS</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u>
Antimony Oxide	1309-64-4	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	
Fiberglass Yarn	65997-17-3	15.0 mg/ m <sup>3</sup>	5.0 mg/ m <sup>3</sup>	
Hydrated Alumina	21645-51-2	15.0 mg/ m <sup>3</sup>	10.0 mg/ m <sup>3</sup>	20.0 mg/m <sup>3</sup> (STEL)
Decabromodiphenyl Oxide	1163-19-5	15.0 mg/ m <sup>3</sup>	10.0 mg/ m <sup>3</sup>	5.0 mg/m <sup>3</sup> TWA 8hr. AIHA WEEL

\* Substances listed in the hazardous ingredients section are those that have been determined to be health hazard and are present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens cited in the OSHA Hazard Communication Standard.

### SECTION 3 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	Not Applicable
Melting Point:	Not Applicable
Vapor Pressure:	Not Applicable
Vapor Density:	Not Applicable
Solubility (in water):	Insoluble in Water
Odor:	No Order

Specific Gravity: Not Determined

#### **SECTION 4 – FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Not Applicable  
Method Used: Not Applicable  
Flammability Limits: LEL - Not Applicable  
UEL - Not Applicable  
Auto-Ignition Temperature: Not Applicable  
Unusual Fire and Explosion Hazards: None

#### **SECTION 5 – REACTIVITY DATA**

Stability: Stable  
Hazardous Decomposition Products: Under Fire conditions, products will decompose and produce hydrogen chloride, hydrogen bromide, carbon monoxide and carbon dioxide.  
Hazardous Polymerization: Should not occur under normal use.

#### **SECTION 6 – HEALTH DATA / FIRST AID**

Eye Contact: Direct contact will cause mechanical irritation. Irrigate immediately with water for at least 15 minutes. Seek medical attention.  
Skin Contact: Direct contact can cause mechanical irritation.  
Skin Absorption: Not likely to occur under normal conditions.  
Inhalation: Product cannot be inhaled in its normal form. If abnormal use creates dust, wear a NIOSH/OSHA approved respirator.  
Signs And Symptoms of Exposure: Not known.  
Medical Conditions Generally Aggravated by Exposure: Not known.

#### **SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE**

Spill Procedures: Not Applicable  
Disposal Method: In accordance with applicable, local, state and federal regulations. When incinerating, use a unit with acid scrubber to remove hydrogen chloride and bromide.

#### **SECTION 8 – CONTROL MEASURES**

Ventilation:	Not required for normal use.
Respiratory Protection:	Not required for normal use. If abnormal use creates dust, wear a NIOSH/OSHA approved respirator.
Skin Protection:	Not normally required
Eye Protection:	Not normally required

**SECTION 9 – SPECIAL PRECAUTIONS / ADDITIONAL INFORMATION**

DOT Information:	Not regulated by DOT.
Hazard Class:	Non hazardous.
HMIS Hazard Rating:	Health – 0, Flammability – 1, Reactivity – 0
NFPA Hazard Rating:	Health – 1, Flammability – 1, Reactivity – 0

While the information and recommendations set forth herein are believed to be accurate, Fi-Foil Company makes no warranty set with respect thereto and disclaims all liability from reliance thereon.

**CONTACT INFORMATION**

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