SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Description: Mica/Glass Insulated Conductor with PTFE Finish
Part Numbers Beginning With:

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Note: This product is considered an "Article" under Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. Under normal conditions of use, this product is not expected to release more than very small quantities of hazardous chemicals, and does not pose a physical hazard or health risk to employees.

Hazardous Materials

<table>
<thead>
<tr>
<th>Chemical</th>
<th>C.A.S. Number</th>
<th>PEL</th>
<th>wt%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiberglass Continuous Filament</td>
<td>65997-17-3</td>
<td>As Total Dust, 15mg/m3, 8hr. TWA</td>
<td>20-80</td>
</tr>
<tr>
<td>(Non Respirable)</td>
<td></td>
<td>As Respirable Dust, 5 mg/m3, 8hr. TWA</td>
<td></td>
</tr>
</tbody>
</table>

Other Significant Ingredients

<table>
<thead>
<tr>
<th>Chemical</th>
<th>C.A.S. Number</th>
<th>PEL</th>
<th>wt%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor</td>
<td>Varied</td>
<td>Varied</td>
<td>20-80</td>
</tr>
<tr>
<td>Polytetrafluoroethylene</td>
<td>9002-84-0</td>
<td>None Established</td>
<td>20-80</td>
</tr>
<tr>
<td>Mica</td>
<td>12001-26-2</td>
<td>20 ppm, 8 hr. TWA</td>
<td>10-40</td>
</tr>
</tbody>
</table>
Section 3 - Hazards Identification

Potential Health Effects
The primary hazard associated with these materials is the inhalation of fumes from overheating or burning. This product is designed to minimize the release of glass fiber particulates.

Medical Conditions Aggravated by Exposure - Long term breathing or skin conditions that are aggravated by mechanical irritants may be at a higher risk for worsening from use or contact with this product.

Eye contact - Cutting or tearing of this material may produce small amounts of glass fiber particulates, which may cause eye irritation. Fumes from overheating may cause severe irritation.

Inhalation - Fiberglass continuous filaments used in this product are non-respirable, but may cause short term irritation of the mouth, nose, and throat. If the material is heated to the fuming point, the fumes, if inhaled, can cause delayed, temporary, influenza-like symptoms called Polymer Fume Fever.

Skin Contact - Cutting or tearing of this material may produce small amounts of glass fiber particulates, which may cause skin irritation and itching. This exposure usually causes an initial allergic rash which should pass in about two weeks.

Ingestion - May cause short term mechanical irritation of the stomach and intestines.

NOTE - None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

Section 4 - First Aid Measures

Inhalation
If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician if symptoms persist.

Skin Contact
Fiberglass may cause irritation and itching. Wash with mild soap and running water. Use a wash cloth to help remove fibers. Rubbing or scratching may force fibers into the skin. Seek medical attention if irritation persists. Exposure to fiberglass usually causes an initial allergic reaction which should pass in about two weeks. Consult a physician if symptoms persist.

Eye Contact
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Ingestion
Non-toxic. May cause short term mechanical irritation of the stomach and intestines.
SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties
This insulated wire of various colors and mild odor is difficult to ignite and flame goes out when initiating source is removed. Thermal degradation products include CO, CO₂, and Fluorides.

Extinguishing Media
Determined by surrounding materials.

Fire Fighting Instructions
Protect from fumes which react with water to form acid.

SECTION 6 - HANDLING AND STORAGE

Minimize cutting or tearing of this material which may produce small amounts of glass fiber particles.

SECTION 7 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls
During normal processing, use local exhaust ventilation if necessary to maintain fiberglass dust below exposure limits. Local exhaust ventilation is necessary to remove fumes during any hot processing or destructive testing.

Personal Protective Equipment
When ventilation is inadequate to maintain concentrations below exposure limits, use a positive pressure air supplied respirator. Air purifying respirators may not provide adequate protection.

Skin irritation can be minimized by the proper use of a barrier cream designed to protect against abrasive particles.

Wear safety glasses to protect against any flying particles from processing.

SECTION 8 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Insulated wire/various colors</td>
<td>Vapor Density</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild chemical odor</td>
<td>Boiling Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
<td>Melting Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not Applicable</td>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Applicable</td>
<td>Specific Gravity</td>
<td>1.10 to 9.00</td>
</tr>
</tbody>
</table>
SECTION 9 - STABILITY AND REACTIVITY

Decomposition Products
Carbon Dioxide, Carbon Monoxide, Fluorides.

Hazardous Polymerization
Will not occur.

Incompatibility
Stable at normal temperatures and storage conditions.

SECTION 10 - OTHER INFORMATION

Disposal Considerations
As shipped, this product is not considered a RCRA Hazardous Waste. Recycle or dispose of in an approved landfill.

Transportation Information
This product is not regulated as a hazardous material.

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