PSDS

PRODUCT SAFETY DATA SHEET

REVISED: Aug 29, 2000 **REPLACES ALL PREVIOUS MSDS**

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

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

Other Significant Ingredients

Chemical	C.A.S. Number	PEL	wt%
Conductor	Varied	Varied	20-80
Polytetrafluroroethylene	9002-84-0	None Established	20-80
Mica	12001-26-2	20 ppm, 8 hr. TWA	10-40

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, CO_2, 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

Appearance -	Insulated wire/various colors	**Vapor Density -**	Not Applicable
Odor -	Mild chemical odor	**Boiling Point -**	Not Applicable
Physical State -	Solid	**Melting Point -**	Not Applicable
pH -	Not Applicable	**Solubility in Water -**	Insoluble
Vapor Pressure -	Not Applicable	**Specific Gravity -**	1.10 to 9.00

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.