

# MATERIAL SAFETY DATA SHEET

## I. IDENTIFICATION

Product Name: Static Dissipative Films  
Product Type: Static Dissipative Plastic Film  
Chemical Family: Polyolefin  
Formula: CH<sub>3</sub>-(CH<sub>2</sub>)<sub>n</sub>-CH<sub>3</sub>

## II. INGREDIENTS

This product may contain one or more of the following: Polyethylene homopolymer or polyethylene copolymer.

Hazardous components: Not applicable

## III. PHYSICAL PROPERTIES

Boiling Point: Not applicable  
Vapor Pressure: Not applicable  
Solubility in Water: Nil  
Density: .900-.960 gm/cc  
Form: Thin solid film or sheet  
Odor: None  
Volatiles: Nil

## IV. FIRE AND EXPLOSION HAZARD DATA

Autoignition Temperature: 500-650 degrees F.  
Flash Point: 600-650 degrees F.  
Flammable Limits: Not applicable  
Fire Fighting: Use water to extinguish the fire and cool surfaces. Other types of extinguishers may also be used. Use NIOSH approved self-contained breathing apparatus when fighting fires in enclosed areas.  
Hazards: Static discharges can be generated. Excessive airborne dust may cause explosion.  
Decomposition Products: CO<sub>2</sub>;H<sub>2</sub>; and under lean oxygen conditions, CO,

## V. REACTIVITY

Stability: Stable  
Conditions to Avoid: Temperatures over 300 degrees C. can cause degradation.  
Reactive Polymerization: Does not occur  
Incompatibility: None

## VI. HEALTH

Eye: Solid or dust may cause irritation or corneal injury due to

mechanical action. Direct contact with this material may cause minimal eye and skin irritation. Irrigate eyes and wash skin with water is suggested.

Skin Contact: Negligible hazard  
Inhalation: Negligible hazard at ambient temperatures  
Ingestion: Minimal toxicity  
Exposure Limits: No limit established for polyethylene  
First Aid: If ingested, no known health effect. Skin contact with molten plastic should be treated with cold water before plastic is removed, then wrap in clean gauze and seek medical attention.

#### **VII. EMPLOYEE PROTECTION**

Control Measures: None  
Respiratory Protection: None  
Protective Clothing: None

#### **VIII. ENVIRONMENTAL PROTECTION (SPILLS AND LEAKS)**

Polyethylene sheets or bags are considered non-hazardous, however they degrade very slowly and may become a nuisance. Recycle old or unused plastic when possible. Otherwise, dispose in landfills or incinerators in accordance with local, state, and federal regulations.

#### **IX. TRANSPORTATION INFORMATION**

Not regulated

#### **X. ADDITIONAL INFORMATION**

Regulatory Requirements:

DOT:	Not applicable
HMIS: Health:	0
Reactivity:	0
Flammability:	1

Although the above information is believed to be accurate and reliable, no warranty is expressed or implied. It is the customer's responsibility to determine the usefulness and applicability of this material for the intended use.