



ADVANCED MATERIALS GROUP

# MATERIAL SAFETY DATA SHEET

## Shrink Tapes A575, A750 & Dahlar<sup>®</sup> MLF 52

– Issue Date: April 11, 2005

### SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **Shrink Tapes A575, A750 & Dahlar<sup>®</sup> MLF 52**  
 Product Description: High Shrink Tape  
 Supplier: **Airtech International, Inc.**  
 5700 Skylab Road  
 Huntington Beach, CA 92647  
 Telephone: 714-899-8100  
 Fax: 714-899-8179

Emergency Telephone: **800-424-9300**

CERCLA Ratings: Health = Fire = Reactivity = Persistence=  
 (scale 0-3)  
 NFPA Ratings: Health= Fire= Reactivity=  
 (scale 0-4)  
 Formula CAS#

### SECTION II – HAZARDOUS INGREDIENTS

No components are hazardous.

### SECTION III – PHYSICAL DATA

**Description:** Clear Transparent Film  
**Odor:** Negligible  
**Melting point:** About 235°C  
**Specific gravity:** N/A  
**Solubility in water:** Negligible  
**Volatile Content %:** Negligible

### SECTION IV – FIRE AND EXPLOSION DATA

**Fire and explosion hazard:**

The solid film can be combusted only with difficulty. There are no unusual hazards. During processing the film can pick up a strong static charge. Avoid discharge into dust or solvent laden air as a flash fire or explosion may result.

**Flash ignition temperature:**  
 N/A

**Extinguishing media:**

Water, carbon dioxide, foam, dry chemical.

**Hazardous combustion products:**

Complete combustion gives carbon dioxide and water. Incomplete combustion gives, in addition, carbon monoxide, organic acids, aldehydes, and alcohols.

**Firefighting procedure:**

Use self-contained breathing apparatus if exposed to fumes.

### SECTION V – HEALTH HAZARD DATA

**Medical Conditions Aggravated by Exposure:** None are known  
**Chronic Effects:** None are known

**Emergency and First Aid Procedure:**

**In case of inhalation:**

Not volatile as marketed. Fumes irritation to the eyes, nose and throat may be produced at temperatures above about 235°C. The exposure may result in reddening, tearing and itching of the eyes and soreness in the nose and throat together with coughing. **First Aid:** Move to fresh air. Consult a physician if symptoms persist.

**In case of skin contact:**

No animal tests have been run. However, based on many years of supplying this product, no skin problems are anticipated from normal handling of the film. **First Aid:** Wash skin with soap and plenty of water. If molten polymer contacts skin, cool rapidly with cold water. DO NOT attempt to peel polymer from skin. Obtain medical attention for thermal burn.

**In case of ingestion:**

Mylar was fed to male and female rats and dogs for ninety days at the 10% level in their diet. No compound related effects were seen. Mylar has low ingestion toxicity.

**In case of eye contact:**

Mechanical irritation only. **First Aid:** Flush eyes with water. Consult a physician if symptoms persist.

### SECTION VI – REACTIVITY DATA

**Stability:**

Stable

**Incompatibilities:**

None are known



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**Decomposition:**

Carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes, and alcohols

**Polymerization:**

Will not occur

**Conditions to avoid:**

Temperatures above 235° C. Strong acids and bases may hydrolyze the film.

### SECTION VII – SPILL OR LEAK PROCEDURE

**Steps to be taken in case material is released or spilled:**

Pick up film to avoid a slipping hazard.

**Waste Disposal:**

Landfill is preferred. Forced draft incineration is an alternate. Disposal methods must conform to federal, state and local regulations.

**Aquatic Toxicity:**

No data. Toxicity is predicted to be very low based on the negligible water solubility of the film.

### SECTION VIII – SPECIAL PROTECTION INFORMATION

**Ventilation:**

Normal ventilation except at temperatures above 235°C where local ventilation may be required

**Respiratory Protection:**

None required

**Gloves:**

Recommended for handling hot film

**Eye Protection:**

Safety glasses recommended as part of good industrial safety practice.

### SECTION IX – SPECIAL PRECAUTIONS

Storage Conditions: Store in cool, dry place. Keep packages closed to prevent contamination.

### USER'S RESPONSIBILITY

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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