

## Safe Handling of Hostaphan<sup>®</sup> and Diafoil<sup>®</sup> Polyester Film

### Product Identification

Polyester film is polyethylene terephthalate (PET) (CAS# 25038-59-9).

### Physical-Chemical Data

The odorless film is chemically stable and resistant to attack by oils, solvents, weak acids and weak alkalis. The film melts in the range of ~250°–265°C. It decomposes above 300°C. In the melt and upon decomposition, acetaldehyde (CAS# 75-07-0) may form. The density is in the range of 1.3 – 1.6 g/cm<sup>3</sup>, depending on product. The appearance (transparency, color) varies according to film type.

### Physical Hazards

Heavy gauges of polyester film can contain sharp edges. Proper protective gear, such as gloves, is recommended.

Unwinding, winding and passage of polyethylene terephthalate film through and over rollers will tend to generate a strong electrostatic charge on the web. Static discharge devices should be properly positioned at such points to eliminate the charge and to prevent uncontrolled discharge from the web. This is particularly required in potentially explosive atmospheres and to protect personnel from the effect of a static discharge.

Silicone coated grades of polyester film can create a slip hazard. Walking areas should be kept clear of the film.

### Health Hazards

No adverse health effects have been attributed to polyester film.

### Hazard Designations

	<u>NFPA</u>	<u>KEY</u>
Health:	0	0–None 1–Slight
Flammability:	1	2–Moderate
Reactivity:	0	3–Severe 4–Extreme

### Regulatory Status

#### U.S. Regulations:

This product is classified as an article under TSCA. No components are listed on SARA 313.

#### Canada and Europe:

Polyethylene terephthalate is listed on the Canadian DSL and its reactants are listed on EINECS.

#### Status under REACH:

Not classified as hazardous. PET film is considered an “article” under REACH, rather than a “substance” or “mixture” and does not require a Safety Data Sheet (SDS) as defined by the regulation.

### Disposal and Shipping Information

Polyester film is not classified as a hazardous waste under Directives 91/689/ECC and 91/156/EEC, the U.S. Resource Conservation and Recovery Act and, unless prohibited by state or local regulation, can be disposed of in a municipal landfill or incinerated. This product is not classified by the Department of Transportation as a hazardous material.

### Information Contact:

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