MITSUBISHI POLYESTER FILM

Material Safety Data Sheet

HOSTAPHAN® POLYESTER FILM
DIAFOIL® POLYESTER FILM

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Emergency Contact

For Emergency Call 1-800-334-5902 in the U.S.

Product Identification

Polyester film is polyethylene terephthalate (CAS# 25038-59-9). This MSDS applies to all Hostaphan and Diafoil polyester films, with the exception of DE series and pigmented films which have separate MSDS's.

Hazardous Ingredients

None as defined under the OSHA Hazard Communication Standard, 29CFR1910.1200 or S.A.R.A. Title III, Section 313. This material is considered an article under OSHA and TSCA standards. Low levels of acetaldehyde (CAS# 75-07-0) are present in the film. Under normal use conditions, release would be well below OSHA limits.

Established exposure limits for acetaldehyde are:

ACGIH TLV = 25 ppm (ceiling)
OSHA PEL = 200 ppm TWA

Physical-Chemical Data

The clear, odorless film is chemically stable and resistant to attack by oils, solvents, weak acids and weak alkalis. The film melts in the range of 255°-260°C. It decomposes at 300°C. It has a specific gravity of 1.4.

Physical Hazards

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

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

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. Certain antistat grades are available.

Health Hazard Data

No adverse health effects have been attributed to polyester film.

Hazard Designations

	NFPA
Health:	0
Flammability:	1
Reactivity:	0

KEY

0-None
1-Slight
2-Moderate
3-Severe
4-Extreme

Control Measures and Safe Handling Procedures

The film will burn if exposed to flame. Fire fighters should protect themselves from decomposition and combustion products that may include acetaldehyde, carbon monoxide and other toxic gases. Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products of combustion exists. Fire fighting extinguishing media include carbon dioxide, water spray, foam or dry chemical.

If the film could be subjected to conditions releasing acetaldehyde, then adequate ventilation should be used to stay below the TLV, or self-contained breathing apparatus should be used.

Disposal and Shipping Information

Polyester film is not classified as a hazardous waste under the 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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