

POLYESTER FILM

MSDS NUMBER G00001

Issue Date: October 2, 1995

Revised: October 1, 1998

Product Identification

Polyester film is polyethylene terephthalate (CAS# 25038-59-9). This MSDS applies to all 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 and 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

KEY

	<u>NFPA</u>	
Health:	0	0-None
Flammability:	1	1-Slight
Reactivity:	0	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.

Judgments as to the suitability of information herein are the purchaser's responsibility. Although reasonable care has been taken in the preparation of such information, Mitsubishi Polyester Film, LLC extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information to the purchaser's intended purpose or for consequences of its use.

QMF22
Component - Plastics

February 3, 1999

E47688
(A card)

Mat Dsg	Col	Min Thk mm	UL94 Flame Class	Elec	RTI with Imp	Mech w/o Imp	H W I	H A I	H V T R	D 4 9 5	C Y I
Polyethylene terephthalate (PETP) film, designated "Hostaphan" furnished in the form of sheets or rolls.											
2000	NC	.0254*	—	105	—	105	—	—	—	—	2
3000, 4500	NC	.127*	—	105	—	105	—	—	—	—	2
5000	NC	.0356*	—	105	—	105	—	—	—	—	2

*-These ratings also apply to the following thicknesses for the above series film:
 Series 2000—.0122, .0234, .036, .05, .076, .127 mm.
 Series 3000 and 4500—.05, .076, .10, .127, .178 mm.
 Series 5000—.0122, .0234, .036 mm.

Reports: November 6, 1970; November 6, 1970; November 6, 1970.

** EVERY Polyester UL Flame Class = 2*

Replaces E47688A dated October 31, 1994, Applicant file transfer.
 617849001 H7047 Underwriters Laboratories Inc.®

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QMF22
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(B - cont. from A card)

Marking: Company name and material designation on container, wrapper or stamped on finished part.

See General Information Preceding These Recognitions.

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.