

MITSUBISHI POLYESTER FILM

Material Safety Data Sheet

FLAME RETARDANT HOSTAPHAN® POLYESTER FILM

NUMBER G000FR

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Emergency Contact

For Emergency Call 1-800-334-5902

Product Identification

This MSDS applies to Hostaphan® flame retardant polyester film. Polyester film is polyethylene terephthalate (CAS# 25038-59-9).

Hazardous Ingredients

Low levels of Acetaldehyde (CAS# 75-07-0) are present in the film. Under normal use conditions, release would be negligible.

Established exposure limits for acetaldehyde in the U.S. 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 at 250°C and decomposes at temperatures above 250°C. It has a specific gravity of 1.4 - 1.5.

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.

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 must protect themselves from hazardous 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 powered supply and exhaust ventilation must be used to ensure compliance with regulations. Alternatively, 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.

Regulatory

U.S. Regulations

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

Canada and Europe

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

Information Contact

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