

 **MITSUBISHI POLYESTER FILM****Material Safety Data Sheet**

**HOSTAPHAN® 2DEFN POLYESTER FILM**  
**HOSTAPHAN® 2DEHN POLYESTER FILM**

**NUMBER G00013-N**  
**Issue Date: October 1, 2004**  
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**Emergency Contact**

For Emergency Call 1-800-334-5902

**Product Identification**

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

**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**

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**

Health:                    NFPA  
                                  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.

Types 2DEFN and 2DEHN waste should be restricted to reclamation by melt extrusion only. Certain other reclamation processing methods may generate a small amount of an odoriferous material. While specific hazards for this material are not known, a nuisance odor would be expected.

**Information Contact**

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(864) 879-5000

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