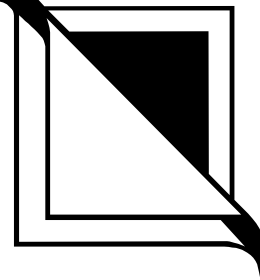


February, 2000

# MSDS - LaserPro™ Laser Cuttable Film

## Hazy Laser Polyester Film



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Emergency Contact:

Grafix, Inc.  
19499 Miles Rd.  
Cleveland, Oh. 44128  
(216) 581-9050

Product Identification:

Hazy Laser Stencil Film is a copolymer top-coated polyester film, polyethylene terephthalate (CAS# 25038-59-9). This MSDS applies to all Hazy Laser Stencil Film products.

Hazardous Ingredients:

This material is not a "health hazard" as defined under the OSHA Hazard Communication Standard, 29 CFR 1910.1200 or S.A.R.A. Title III, Section 313. This material is considered an article under OSHA and TSCA standards. Low levels of acetaldehyde are present in the film. Under normal use conditions, release would be below OSHA limits.

Established exposure limits for acetaldehyde are:

ACGIH TLV = 25 ppm (ceiling)

OSHA PEL = 200 ppm (TWA)

Physical-Chemical Data:

The hazy, odorless film is chemically stable and resistant to attacks by oils, solvents, weak acids and weak alkalis. This 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. The top coating of the film can create a slip hazard when dropped on the floor. Walking areas should be kept clear of this film.

Unwinding, winding and passage of this 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 prevent uncontrolled discharge from the web. This is particularly required in potentially explosive atmospheres and to protect personnel from the effects of static discharge.

## GRAFIX Plastics

A Division of GRAFIX, Inc.

19499 Miles Rd. Cleveland, OH. 44128

(800) 447-2349 (216) 581-9050 FAX (216) 581-9041

E-MAIL [info@grafixplastics.com](mailto:info@grafixplastics.com) WEB <http://www.grafixplastics.com>



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### Health Hazard Data:

No adverse health effect have been attributed to this polyester film or its top-coating

### Hazard Designations

		Key
Health:	0	0-None
Flamability	1	1-Slight
Reactivity	0	2-Moderate
		3-Severe
		4-Extreme

### Control Measure 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 such toxic gases. Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products of combustion exist. Fire fighting extinguishing media include carbon dioxide, water spray, foam or dry chemical.

If the film could be subject 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 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 U.S. Department of Transportation as a hazardous material.

### Information Contact:

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To the best of our knowledge the information contained herein is accurate. However, Grafix assumes no liability whatsoever, for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the on hazards which exist.

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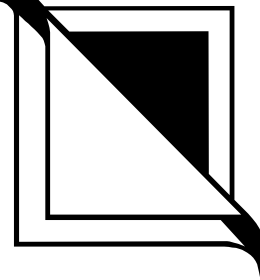
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## Blue Stencil Polyester Film



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### 5. Health Hazard Data

Eye Contact: None Skin Contact: None  
 Inhalation: The use of this product above the melting point may result in decomposition of the products and adequate ventilation should be used. Over exposure to vapors can cause headaches, nausea and irritation of the nose and throat.

Ingestion: None

Suggested First Aid For Over Exposure:

Eye Contact: Flush with water Skin Contact: Wash with soap and water  
 Inhalation: Remove individual to fresh air Ingestion: Call Physician immediately

### 6. Reactivity Data

Stability: Stable Conditions to Avoid: N/A  
 Hazardous Polymerization: May not occur Conditions to Avoid: N/A  
 Hazardous Decomposition Products: Acetaldehyde with traces of carbon dioxide and carbon monoxide.

### 7. Special Protection Information

Eye Protection: N/A Skin Protection: N/A  
 Ventilation: N/A  
 Other Precautions: N/A

### 8. Precautionary Information

None under normal conditions. When exposed to temperatures above the melting point decomposition may result and adequate ventilation should be used if this condition occurs.

### 9. Department of Transportation

DOT Proper Shipping Name: N/A  
 DOT Hazard Class: N/A

Issue Date: 4/1/98

The information on this data sheet represents our current data and best opinion as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet of which involves using this product in combination with any other product or any process is the responsibility of the user.

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