

## GAMCOLOR® MATERIAL SAFETY DATA SHEET

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Date: 3/09

## MATERIAL IDENTIFICATION

**PRODUCT NAME:** Deep Dyed Polyester Film  
**CHEMICAL NAME:** Polyethylene terephthalate dyed  
**TSCA INVENTORY STATUS:** All reportable ingredients are listed in the TSCS Chemical Substance Inventory.  
**DOT HAZARD STATUS:** Not regulated  
**SHIPPING NAME:** N/A

## HAZARDOUS COMPONENTS

MATERIAL	CAS #	PEL/TLV	PERCENT
Polyethylene Terephthalate (Polyester Film)	N/A	Particulate 10 mg/m3 (as dust)	97%
Disperse Dyes	N/A	Particulate 10 mg/m3 (as dust)	3%

**SUBSTANCES PRESENT AT A CONCENTRATION OF 0.1% OR MORE CLASSIFIED AS A CARCINOGEN BY IARC, NTP OR OSHA:** None are known.

## PHYSICAL / CHEMICAL DATA

**APPEARANCE:** Thin film with variable colors  
**ODOR:** Negligible  
**MELTING POINT:** About 300 °C  
**SOLUBILITY IN WATER:** Negligible  
**VOLATILE CONTENT %:** Negligible  
**SPECIFIC GRAVITY:** N/A

## FIRE AND EXPLOSION HAZARD DATA

**FLASH IGNITION TEMPERATURE:** N/A

**UNUSUAL FIRE, EXPLOSION HAZARDS:** The solid film is combustible. There are no unusual hazards. During processing, the film can acquire a strong static charge. Avoid discharge into dust or solvent laden air as a flash fire or explosion may result.

**HAZARDOUS COMBUSTION PRODUCTS:** Incomplete combustion produces carbon monoxide, and hydrocarbon oxidation products including organic acids, aldehydes, and alcohols.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Use self-contained breathing apparatus if exposed to fumes.

**EXTINGUISHING MEDIA:** Water, carbon dioxide, foam, dry chemical.

## HAZARDOUS REACTIVITY

<b>STABILITY AT ROOM TEMPERATURE:</b>	Stable.
<b>MATERIALS TO AVOID:</b>	Strong acids or alkalis may hydrolyze film.
<b>CONDITIONS TO AVOID:</b>	Temperatures above 235°C. Strong acids and bases may hydrolyze.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon monoxide and hydrocarbon oxidation products, including organic acids, acetyl aldehydes, and alcohol.
<b>POLYMERIZATION:</b>	Will not occur.

## HEALTH HAZARD DATA

<b>ACUTE OR IMMEDIATE EFFECTS:</b>	Routes of entry and symptoms.
<b>INGESTION:</b>	Low to zero ingestion toxicity.
<b>SKIN:</b>	No annual tests have been run. No skin problems are anticipated from normal handling of the film.
<b>EYE:</b>	Mechanical irritation only.
<b>INHALATION:</b>	Fumes and vapors which are irritating to the eyes, nose, and throat may be produced at temperatures about 235°C. The exposure may result in reddening, tearing and itching of the eyes and soreness in the nose and throat together with coughing.

## EMERGENCY FIRST AID:

- If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician if symptoms persist.
- Wash skin with soap and plenty of water.
- Flush eyes with water. Consult a physician if symptoms persist.
- If molten film contacts skin, cool rapidly with cold water. Do not attempt to peel film from skin.
- Obtain medical attention from thermal burn.

<b>CHRONIC EFFECTS:</b>	None are known.
<b>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:</b>	Upper respiratory and lung diseases could be aggravated if exposed to fumes Above 235°C.

## PROTECTION INFORMATION

<b>EYE:</b>	Safety glasses recommended.
<b>SKIN:</b>	Gloves recommended for handling hot film.
<b>VENTILATION:</b>	Normal ventilation except at temperatures above 235°C where local ventilation may be required.
<b>RESPIRATOR:</b>	Not required.

## DISPOSAL

<b>SPILL, LEAK, OR RELEASE:</b>	Pick up film to avoid a slipping hazard.
<b>WASTE DISPOSAL:</b>	Landfill is preferred. Disposal methods must conform to federal, state, and local regulations.
<b>AQUATIC TOXICITY:</b>	No data. However, toxicity is expected to be low because of low solubility of the film in water.
<b>STORAGE CONDITIONS:</b>	Store in a cool, dry place. Keep packages closed to prevent contamination.

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The information in this Material Safety Data Sheet relates only to the specific materials designated herein and does not relate to use in combination with any other material or in any process.

N/A = Not Applicable

N/E = Not Established

### SECTION 313 SUPPLIER NOTIFICATION

This product contains no known toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

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