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GamColor CineFilters
GAMTUBE SUPERTUBE

MSDS

GAMCOLOR® MATERIAL SAFETY DATA SHEET

GAMPRODUCTS, INC.
52 Harbor View Blvd.
Stamford, CT 06902

Trade Name GAMCOLOR®
Version Date 5/2015

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 Therephthalate (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

Stability at Room Temperature	Stable
Materials to avoid	Strong acids or alkalis may hydrolyze film.
Conditions to avoid	Temperatures above 235˚C. Strong acids and bases may hydrolyze.
Hazardous Decomposition Products	Carbon monoxide and hydrocarbon oxidation products, including organic acids, acetyl aldehydes, and alcohol.
Polymerization	Will not occur

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HEALTH HAZARD DATA

Acute or Immediate Effects	Routes of entry and symptoms
Ingestion	Low to zero ingestion toxicity
Skin	No annual tests have been run. No skin problems are anticipated from normal handling of the film.
Eye	Mechanical irritation only
Inhalation	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.

Chronic Effects	None are known
Medical Conditions Aggravated by Exposure	Upper respiratory and lung diseases could be aggravated if exposed to fumes above 235˚C.

PROTECTION INFORMATION

Eye	Safety glasses recommended.
Skin	Gloves recommended for handling hot film.
Ventilation	Normal ventilation except at temperatures above 235˚C where local ventilation may be required.
Respirator	Not required

DISPOSAL

Spill, Leak, or Release	Pick up film to avoid a slipping hazard.
Waste Disposal	Landfill is preferred. Disposal methods must conform to federal, state and local regulations.
Aquatic Toxicity	No data. However, toxicity is expected to be low because of low solubility of the film in water.
Storage Conditions	Store in a cool, dry place. Keep packages closed to prevent contamination.

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.