

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 CHEMICAL PRODUCTS & COMPANY IDENTIFICATION

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ExxonMobil Chemical Company  
SHE Department, Films Business.  
729 Pittsford-Palmyra Road  
Macedon, NY 14502

FOR EMERGENCY SOURCE INFORMATION  
CHEMTREC: 800-424-9300 or 202-483-7616

For Non-Emergency Product & MSDS  
Information: 315-966-1950

SUBSTANCE: Metallized polypropylene film  
TRADE NAMES/SYNONYMS: Metallyte® 70 & 100  
CHEMICAL FAMILY: Polypropylene  
CAS NUMBER: Not applicable

CREATED BY: David G. Sarvadi, JD, CIH  
Keller and Heckman, LLP

CREATION DATE: April 2, 1998

REVISION DATE: May 27, 1999

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## SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

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### COMPONENT

### EXPOSURE LIMIT

This product is not hazardous as defined under the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 29 C.F.R. § 1910.1200 nor is it a controlled product under Canada's Workplace Hazardous Materials Information System.

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## SECTION 3 HAZARDS IDENTIFICATION

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### EMERGENCY OVERVIEW

No significant effects expected.

### POTENTIAL HEALTH EFFECTS FROM:

INHALATION: During elevated heat processing, irritating fumes may be released.

SKIN CONTACT: None.

EYE CONTACT: None. Eye contact not likely to occur.

INGESTION: None.

ADDITIONAL DATA: This product does not contain natural rubber, natural rubber latex or their derivatives.

### CARCINOGEN STATUS:

OSHA: None.

NTP: None.

IARC: None.

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**SECTION 4                      FIRST AID MEASURES**

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**INHALATION:** If adversely affected by irritating fumes released in processing, get to fresh air. Get medical attention if necessary.  
**SKIN CONTACT:** Not expected to produce any effects requiring treatment.  
**EYE CONTACT:** Flush with water. If irritation occurs, get medical attention.  
**INGESTION:** Not expected to occur or produce any effects requiring treatment.

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**SECTION 5                      FIRE FIGHTING MEASURES**

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**FIRE AND EXPLOSION HAZARD:**  
Film will burn and contribute fuel to fire. May produce toxic and severely irritating fumes and vapors.  
**EXTINGUISHING MEDIA:**  
Dry chemical, carbon dioxide, water spray, or regular foam.  
For larger fires, use water spray, fog or regular foam.  
**FIREFIGHTING:**  
For fighting fires in buildings and confined spaces, firefighters must use self-contained breathing apparatus.  
Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supplies.  
Polypropylene film will burn in a fire.  
**FLASH POINT:** None.  
**FLAMMABILITY CLASS (OSHA):** None.  
**HAZARDOUS COMBUSTION PRODUCTS:**  
Thermal decomposition products from incomplete combustion (pyrolysis) include carbon monoxide, carbon dioxide, nitrogen oxides, and small quantities of irritating substances such as trace hydrocarbons, chlorine and heavy metals.

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**SECTION 6                      ACCIDENTAL RELEASE MEASURES**

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**OCCUPATIONAL SPILL:**  
Not applicable. Product is not a liquid or flowable powder.

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**SECTION 7    HANDLING AND STORAGE**

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Observe all applicable regulations when storing this substance. Keep in a cool, dry, ventilated area.

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**SECTION 8      EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**EXPOSURE LIMITS:**

None applicable.

**VENTILATION:**

Not normally required in handling film. Heat processing (e.g., sealing, thermal cutting) may require local exhaust ventilation to capture fumes and vapors emitted.

**EYE PROTECTION:**

Not normally required. Provide eye protection against irritating gases if ventilation is inadequate in heat processing.

**EMERGENCY WASH FACILITIES:**

Not normally required.

**SPECIAL PROTECTIVE CLOTHING:**

Not normally required.

**GLOVES:**

Not normally required. Suitable gloves may be used in heat processing.

**RESPIRATOR:**

Not normally required. Suitable NIOSH/MSHA approved respirators may be required if irritating gases are produced and local exhaust ventilation is inadequate.

**FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS:** For firefighting, see section 5. Otherwise, none likely to occur.

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**SECTION 9      PHYSICAL AND CHEMICAL PROPERTIES**

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**DESCRIPTION:** Plastic film.

**MOLECULAR WEIGHT:** Not applicable.

**MOLECULAR FORMULA:** Not applicable.

**BOILING POINT:** Not applicable.

**MELTING POINT:** 248-338° F

**VAPOR PRESSURE:** Not applicable.

**VAPOR DENSITY:** Not applicable.

**SPECIFIC GRAVITY:** 0.92-0.98

**WATER SOLUBILITY:** Insoluble film

For further technical information, contact your marketing representative.

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**SECTION 10                      STABILITY AND REACTIVITY**

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**REACTIVITY:**

Stable under normal temperatures and pressures.

**CONDITIONS TO AVOID:**

No specific conditions.

**INCOMPATIBILITIES:**

None.

**HAZARDOUS DECOMPOSITION:**

Thermal decomposition products from incomplete combustion (pyrolysis) include carbon monoxide, carbon dioxide, nitrogen oxides, and small quantities of irritating substances such as trace hydrocarbons, chlorine and heavy metals.

**POLYMERIZATION:**

Hazardous polymerization will not occur.

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**SECTION 11                      TOXICOLOGY INFORMATION**

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**CARCINOGEN STATUS:**

None.

**TARGET EFFECTS:**

ADDITIONAL DATA: None.

**HEALTH EFFECTS**

**INHALATION:** None from intact product. Thermal decomposition products from incomplete combustion (pyrolysis) include carbon monoxide, carbon dioxide, nitrogen oxides, and small quantities of irritating substances such as trace hydrocarbons, chlorine and heavy metals.

**SKIN CONTACT:** None.

**EYE CONTACT:** None.

**INGESTION:** None.

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**SECTION 12                      ECOLOGICAL INFORMATION**

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**ACUTE AQUATIC TOXICITY:** no data available.

**DEGRADABILITY:** no data available

**BIOCONCENTRATION FACTOR (BCF):** no data available

**OCTANOL/WATER PARTITION COEFFICIENT:** no data available

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**SECTION 13                      DISPOSAL INFORMATION**

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Observe all appropriate regulations when disposing of this substance.

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**SECTION 14                      TRANSPORTATION INFORMATION**

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D.O.T. Classification: Not hazardous.  
UN Number: None.

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**SECTION 15                      REGULATORY INFORMATION**

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US Federal Regulations:

Clean Air Act: ODS:

This product neither contains, nor was manufactured with a Class I or Class II ozone depleting substance (ODS). We have relied on our suppliers' labeling of their products in making this determination.

TSCA STATUS: All components are listed on Inventory of Chemical Substances and comply with TSCA.

CERCLA SECTION 103 (40 C.F.R. § 302.4): None.

SARA SECTION 302 (40 C.F.R. § 355.30): None.

SARA SECTION 304 (40 C.F.R. § 355.40): None.

SARA (EPCRA) SECTION 313 (40 C.F.R. § 372.65): None.

OSHA PROCESS SAFETY (29 C.F.R. § 1910.119): None.

SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40 C.F.R. § 370.21)

ACUTE HAZARD: None.

CHRONIC HAZARD: None.

FIRE HAZARD: None.

REACTIVITY HAZARD: None.

SUDDEN RELEASE HAZARD: None.

CONEG:

Coalition of Northeastern Governors: This product fully complies with all CONEG legislation restricting lead, mercury, cadmium and hexavalent chromium.

STATE REPORTING REQUIREMENTS:

California Proposition 65: The California Safe Drinking Water and Toxic Enforcement Act of 1986. This product, as supplied for its intended use, contains no substances present at any level that are, under the Statute, characterized as known to the State of California to cause cancer or to be a reproductive toxicant.

New Jersey: Not hazardous.

**INTERNATIONAL REGULATIONS:**

The following countries have regulatory programs that prohibit or limit the importation, manufacture, or use of chemicals that are not listed or registered with the appropriate government agency. This product contains only ingredients that currently comply with the chemical substances control law of countries marked with a "YES". For countries marked with a "NO," the film contains one or more ingredients that do not comply with all chemical substance control laws in that country. For further information, contact your ExxonMobil Films representative.

YES Australia: Inventory of Chemical Substances.

YES Canada: Domestic Substances List or Canadian Non-Domestic Substance List

YES Europe: European Inventory of Existing Commercial Chemical Substances or European List of Modified Chemical Substances

NO Japan: Ministry of International Trade and Industry List of Existing and New Chemical Substances.

YES Korea: Chemical Substances List

YES Philippines: Inventory of Controlled Chemical Substances

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**SECTION 16**

**OTHER**

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**DISCLAIMER OF WARRANTY**

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