

# 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: Polypropylene film  
TRADE NAMES/SYNONYMS: Bicolor<sup>®</sup> AXT  
CHEMICAL FAMILY: Polypropylene  
CAS NUMBER: Not Applicable

CREATED BY: David G. Sarvadi, JD, CIH  
CREATION DATE: March 27, 2002

REVISION DATE: April 26, 2002

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**SECTION 2                    COMPOSITION/INFORMATION ON INGREDIENTS**

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COMPONENTEXPOSURE 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 effect 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) may include carbon monoxide, carbon dioxide, nitrogen oxides, and small quantities of irritating substances such as acrolein, acetaldehyde, formaldehyde, other aldehydes, ketones, alcohols, and organic acids.

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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.

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SPECIAL PROTECTIVE CLOTHING: Not normally required.

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

RESPIRATOR: Not normally required. Suitable NIOSH 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: 240-340° F

VAPOR PRESSURE: Not applicable.

VAPOR DENSITY: Not applicable.

SPECIFIC GRAVITY: 0.90

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) may include carbon monoxide, carbon dioxide, nitrogen oxides, and small quantities of irritating substances such as acrolein, acetaldehyde, formaldehyde, other aldehydes, ketones, alcohols, and organic acids.

POLYMERIZATION: Hazardous polymerization will not occur

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**SECTION 11                    TOXICOLOGY INFORMATION**

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CARCINOGEN STATUS: None.

TARGET EFFECTS: None.

ADDITIONAL DATA: None.

HEALTH EFFECTS

INHALATION: None from intact product. Thermal decomposition products from incomplete combustion (pyrolysis) may include carbon monoxide, carbon dioxide, nitrogen oxides, and small quantities of irritating substances such as acrolein, acetaldehyde, formaldehyde, other aldehydes, ketones, alcohols, and organic acids.

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 substances (ODS). We have relied on our suppliers' labeling of their products in making this determination.

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.

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**SECTION 16            OTHER**

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**DISCLAIMER OF WARRANTY**

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