

MATERIAL SAFETY DATA SHEET

ACUTE HEALTH 1	FIRE – 1	REACTIVITY 0	HAZARD RATING: Least – 0 Slight – 1, Moderate –3, Extreme –4
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Product Name:

Polypropylene/Polybutene/Polyethylene films,
white & clear

MSDS No: 2004-053

Revision Date: 03/17/10

SECTION 1: - Product Identification

Manufacturer's Name:

Berry Plastics Corporation

101 Oakley Street

Evansville, IN 47710

Emergency telephone Number : 812-424-2904

Chemical name and Synonyms:

1-propene homopolymer, Ethene & Octene –1 Copolymer, or

Polyethylene homopolymer (PP/LLDPE or mLLDPE, or uLLDPE
or LDPE) and or Polybutene -

Trade Name and Synonyms: Stretch Pallet and bundling films

Micron	Optx	Classic	EZ Wrap	R122 & R122Q	Winwrap	R410	HXF-575
HXF-214	HXF-408	R118	SecurAll	Stratos	Winwrap	EZ Wrap	RHW

SECTION 2: Composition/Information on Ingredients:

The criteria for listing components in the composition section are as follows: Carcinogens are listed when present at 0.1% or greater; components which are other wise hazardous according to OSHA are listed when present at 1.0% or greater; Non-Hazardous components are listed at 3.0% or greater. This is not intended to be complete compositional disclosure.

Principle Components	CAS #	Approximate Concentration
1propene,homopolymer	9003-07-0	10-100%
Ethene & Octene-1 Copolymer	026221-73-8	
Polyethylene Homopolymer	9002-88-4	
Butene Copolymer	25087-34-7	

Film may contain additives depending on customer's specification.

SECTION 3: Hazards Identification

Threshold Limit Value:

10 mg/m³ (If dust in generated during handling)

Signs and Symptoms of Exposure:

1) Acute Overexposure:

No applicable information found.

2) Chronic Overexposure

No applicable information found.

Medical Conditions Aggravated by Exposure:

No applicable information found

Carcinogen or Potential Carcinogen

National Toxicology Program:

– (X) No – () Yes

IARC :

– (x) No - () Yes

OSHA:

– (x) No - () Yes

SECTION 4: First Aid Measures

First Aid Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air.

Skin: For hot product, immediately immerse in, or flush the affected area with large amounts of cold water. Cover with clean cotton sheeting or gauze and get prompt medical attention. Do not remove material from skin as the damaged flesh can be easily torn.

Eyes: Not likely to be an eye hazard in pellet form.

SECTION 5: Fire Fighting Measures

Flash Point: 341 °C (646 °F)

Flammability Limits: Not applicable

Auto Ignition Temperature: >343 °C (>650 °F) estimated

Extinguishing Media Water spray, dry chemical, foam or Carbon dioxide.

Special fire fighting Procedures: When entering an enclosed area, firefighters should wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Hazardous melting and dripping may occur at high temperatures.

SECTION 6: Accidental Release Measures

Other Precautions:

No applicable information found

Spill or Leak Procedures:

Contain spilled material. Transfer to suitable containers for recycle or disposal.

SECTION 7: Handling and Storage

General low hazard for usual industrial or commercial handling.

SECTION 8: Exposure Controls/Personal Protection

Respiratory Protection:

Not normally required. Particulate filter

Respirator or chemical cartridge respirator if dust is generated.

Ventilation

Provide local exhaust for thermal processing

Protective Clothing/Gloves.

Where there is a potential for contact with heated material, wear heat protective gloves and clothing.

Eye Protection:

Safety glasses are recommended for general precautions.

Other Protective Measures:

Avoid excessive breathing of vapors, fumes or smoke which may be released during thermal processing.

SECTION 9: Physical and Chemical Properties

Boiling Point: Not Applicable

Specific Gravity (H₂O=1) .915-.925

Vapor Pressure (MMHG): Not Applicable

Melting Point: 230-300 °F.

Percent Volatile by Volume 9%): Not Volatile

Vapor Density (Air = 1): Not Applicable

Evaporation Rate (Butyl Acetate = 1): Not Applicable

Solubility in water: Insoluble

Reactivity in Water: Un-reactive

Appearance and Odor: Thin clear or colored plastic film with faint characteristic odor.

SECTION 10: Stability and Reactivity

Stability

Stable

Conditions and Materials to Avoid:

Avoid strong oxidizing agents, Fluorine/oxygen mixtures

SECTION 11: Toxicological Information

Hazardous Polymerization: () May occur. (X) Will not occur.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, acroleins, hydrocarbons, Aldehydes and their oxidation products are produced in small amounts at high temperatures.

SECTION 12: Ecological Information

General low hazard for usual industrial or commercial handling.

SECTION 13: Disposal Considerations

Waste Disposal Methods: Reclaim where possible. This material, when disposed of, is not an RCRA hazardous waste. Dispose of in accordance with local and state regulations.

SECTION 14: Transport Information

DOT Proper Shipping Name:	Not Applicable
Freight Description	Film, Plastic, O/T Cellulose, Density 15 lbs. PCF or greater NMFCC # 156830
STCC Number: 3071445HC	UN Number: NA
DOT ID#:	Not Applicable
DOT Classification;	Non-regulated commodity
Transportation Incident Information	No applicable information found.

SECTION 15: Regulatory Information

Not subject to the reporting requirements in Section 311-312 of SARA Title III

This product does not meet the definition of a hazardous material as given in 29 CFR Part 1910.1200 (OSHA).

DOT – 49 CFR 172.102 Appendix A – Sec. 172.101 – Not Hazardous

CLEAN AIR ACT – This product does not contain substances which are defined as hazardous air pollutants under, and subject to the reporting requirements of Section 301 of Title III of the Clean Air Act Amendments of 1990. This product is not formulated with, nor does the process utilize any known Class I or Class II ozone depleting substances regulated by the EPA Clean Air Act (40 CFR Part 82 or the Montreal Protocol.

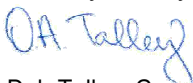
The components of this material are included in the U.S. EPA Toxic Substances Control Act “Chemical Substances Inventory” and the Canadian “Domestic Substances List.”

SECTION 16: Other Information

To the best of Pliant Corporation’s knowledge and belief, the Information and recommendations contained herein are accurate and reliable as of the date issued. Pliant Corporation furnishes this data in good faith, without liability or legal responsibility for same whatsoever and no warranty or guarantee, expressed or implied, is made with respect to such data, nor does Pliant Corporation grant permission, recommendation, or inducement to infringe on any patent whether owned by Pliant Corporation or others. Since conditions of use are beyond Pliant Corporation’s control, the user assumes all responsibility and risk.

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Thank you for your interest in our products.



Deb Talley, Corporate Product Safety Steward