

# Material Safety Data Sheet



Issue date: 09/16/2010  
Revision date: 10/23/2012  
Prepared by: D. Yohnk  
MSDS #: 00088

## 1. Product and Company Identification

**Product Names:** Polyvinyl Chloride (PVC) Film  
**Product Description:** Plasticized Polyvinyl Chloride Film  
**Product Codes:** See Section 16 for applicable grades

### Company Identification

Western Plastics  
2399 US 41 HWY S.W.  
Calhoun, GA 30701

**Emergency Contact:** (812) 424-2904

**Customer Information:** For product information contact your Berry Plastics Sales or Customer Service Representative.

## 2. Hazards Identification

### OSHA Hazard Communication Standard

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### Emergency Overview

This product is not expected to present a safety and health hazard when used under reasonable conditions and as intended / as designed by the manufacturer.

### Acute Health Hazards

**Eye contact and Inhalation:** Hot wire cutting could liberate hydrogen chloride as a product of combustion which can irritate the eyes and respiratory tract. Hot wire cutting is not recommended. Mechanical and controlled temperature rod cutting methods are not expected to generate HCl

**Skin contact:** Normal contact is non-irritating, but continuous mechanical grinding may cause irritation.

**Ingestion:** Swallowing may induce choking or blockage of the gastrointestinal tract.

### Chronic Health Hazards

No adverse effects anticipated from available information.

### Medical Conditions Aggravated by Exposure

Based on available information this product is unlikely to aggravate existing medical conditions.

### Other

Slipping, trip hazard.

## 3. Composition

All components are non-hazardous.

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## 4. First Aid Measures

- Eye contact:** Flush eyes with water for several minutes. If irritation or other complications persist contact a physician.
- Skin contact:** If molten film comes in contact with the skin cool it with cold running water. Do not remove the materials from skin as it may cause severe tissue damage. Contact a physician.
- Inhalation:** If film is under combustion and the person has inhaled vapors, move the person to fresh air. If effects occur consult a physician.
- Ingestion:** If swallowed seek medical attention. Do not take laxatives. Do not induce vomiting unless instructed to do so by a physician.

## 5. Fire Fighting Measures

- Extinguishing Media:** Water spray, CO<sub>2</sub>, dry chemical powder, foam.
- Special Fire Fighting Procedures:** Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and protect personnel attempting to stop leak. Water spray may be used to flush spills away from exposures. Prevent fire control or dilution runoff from entering streams, sewers, or drinking water supply.
- Special Protective Equipment:** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
- Unusual Fires and Explosion Hazards:** Exposure to fire can generate toxic fumes.  
Flash Point: not est. Flammable Limits: not est.
- Hazardous Decomposition Products:** Can include but not limited to acetic acid, formic acid, carbon monoxide, carbon dioxide, various aldehydes, and hydrocarbons.
- HMIS:** Health: 0 Flammability: 1 Reactivity: 0

## 6. Accidental Release Measures

### Notification Procedures

- Land Spill:** Recover spilled material and place in appropriate container for disposal in compliance with all local regulations and laws.
- Water Spill:** Hydrocarbons are subject to the Clean Water Act (40CFR122.6) initiated by the US EPA. Material found in storm water runoff is subject to the EPA regulations with the potential for fines and penalties.

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## 7. Handling and Storage

**Handling:** Care should be taken in use as plastic films have the potential to accumulate a static charge. Proper grounding may be required. Film should not be removed or wrapped where the air environment is potentially flammable. Keep material away from open flames, heat, and other means of ignition. Avoid contact with strong oxidizers.

**Storage:** Store in a cool, dry area out of direct sunlight.

## 8. Exposure Controls / Personal Protection

**OSHA:** No established exposure limits for the polymer.

**Respiratory Protection:** No special requirements under ordinary conditions of use with adequate ventilation.

**Eye Protection:** Normal industrial eye protection practices should be followed.

**Skin Protection:** No precautions other than body covering clothing (long sleeves and pants) should be needed.

**Exposure Limits:** This product does not have recognized exposure limits.

**Ventilation:** Use in well ventilated areas.

**Engineering Controls:** Physical handling and processing of this product may cause the product to accumulate a static charge. Care should be taken to ensure any static charge is properly grounded.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Flexible plastic sheets	<b>Freezing Point:</b>	Not determined
<b>Auto Flammability:</b>	Not determined	<b>Melting Point:</b>	Softens and seals 280 - 400°F
<b>Color:</b>	Natural, various colors	<b>Odor:</b>	Slight
<b>Specific Gravity:</b>	1.20 - 1.27	<b>Physical State:</b>	Solid
<b>Flash Point:</b>	Not determined	<b>Water Solubility:</b>	Negligible
<b>Vapor Pressure:</b>	Not determined	<b>Boiling Point (760 mmHG):</b>	Not determined
<b>pH:</b>	Not determined	<b>Vapor density (air = 1):</b>	Not determined

**Flammability Limits in Air**  
Lower: No test data available  
Upper: No test data available

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## 10. Stability and Reactivity

**Stability:** Stable

**Conditions to Avoid:** Extreme heat will cause decomposition.

**Incompatibility:** Soluble in Ketones and tetrahydrofuran.

**Hazardous Decomposition Products:** Oxides of carbon and hydrogen chloride. Carbon monoxide is toxic if inhaled. High concentrations of carbon dioxide may induce asphyxiation by reducing the oxygen concentration in the surrounding air.

**Hazardous Polymerization:** Will not occur.

**Additional Information:** This product is not expected to present safety and health hazard when used under both intended and reasonable conditions.

## 11. Toxicological Information (See Section 2 for potential health effects)

**Acute Inhalation Effects:** Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats.

**Acute Oral Effects:** No adverse health effects were noted on the digestive system of test animals when fed up to 20% polyethylene.

**Sensitization:** No adverse effects are expected.

**Chronic Toxicity:** Subchronic, 50 – 90 day, feeding studies conducted on rats, dogs, and swine showed no effects from dietary levels of 1 – 20% powdered and shredded polyethylene.

## 12. Ecological Information

**Ecotoxicity:** Negligible solubility. Poses life-threatening risks to wildlife if ingested.

**Environmental Fate:** No specific ecological data is available for this product.

## 13. Disposal Considerations

**Waste Disposal:** Disposal of waste as normal refuse in compliance with all federal, state, and local laws. Do not dispose of into any body of water, sewer, or on the ground. Compliance of disposal is the sole responsibility of the waste generator.

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## 14. Transport Information

US DOT / CAN-TDG: Not regulated.  
IMO / IMDG: Not regulated.  
ICAO / IATA: Not regulated.

## 15. Regulatory Information

### Toxic Substances Control Act (TSCA)

All components of this product are listed or are exempted from listing on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) Export Notification rule, they will be listed below.

### Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA)

If this product is accidentally spilled it is not subject to any special reporting under the Comprehensive Environmental Response, Compensation, and Liability Act. In the case of a spill contact local authorities to ensure that all local reporting requirements are met.

### Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312

Delayed Hazard: No  
Fire Hazard: No  
Immediate Health Hazard: No  
Reactive Hazard: No  
Sudden Release of Pressure Hazard: No

### Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313

The following components of this product are listed as extremely hazardous substances in 40 CFR Part 355 and are present at levels which could require reporting and customer notification under Section 313 and 40 CFR Part 372:

This product does not contain toxic chemicals at levels which require reporting under this statute.

### California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, in the form or at levels which would require a warning under the statute.

### European Inventory of Existing Commercial Chemical Substances (EINECS)

All components in this product are in compliance with EINECS.

### Carcinogenicity Classification (components present at 0.1% or more):

IARC (International Agency for Research on Cancer): N/A  
NTP (National Toxicological Program): N/A  
OSHA (Occupational Safety and Health Administration): N/A

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## 16. Other Information

This MSDS covers the following materials

BFX	LG	Premium L	Revolution RMC
Cheese Wrap GOLD	LGK	Premium LT	Revolution SMF
Cheezefilm	LGS	Premium M	Revolution ST
Choice Wrap	LPLG	Premium MAP H	Revolution STP
CRMF	LWJ	Premium MAP L	RMC-2
Crystal Cling	M-32	Premium MAP M	Vitafilm MV
CSK	Meat Film	Premium MAP XH	Vitafilm MVS
DIG	MT-L	Premium XL	Vitafilm MVT
DSG	MW Gold	Premium XXL	Vitafilm PS
DSI	MXF	Prime Wrap	Vitafilm RMC
DuraWrap H	Omnifilm	Processor Film	Vitafilm RS
DuraWrap L	Omnifilm DI	PWGS	Vitafilm SB
DuraWrap M	Omnifilm DS	PWMF	Vitafilm SBT
DuraWrap MT	Omnifilm E	PWMF-PF	Vitafresh
Fresh Pack P	Omnifilm HP	Revolution	Vitawrap
FTX	Omnifilm MT	Revolution CR	Vitawrap F
G7	Omnifilm MVS	Revolution D	Vitawrap HD
HIYG-Gold	Omnifilm MX	Revolution HW	Vitawrap P
HIYG-M	Omnifilm P	Revolution LGK	Wrap-It
HP	Omnifilm R	Revolution LO	
HT	Omnifilm S	Revolution MT	

Disclaimer: To the best of our knowledge the information contained in accurate. The information provided by raw material suppliers is believed to be true. This MSDS supersedes any previous MSDS for the same product as it contains the most current information.