

MATERIAL SAFETY DATA SHEET

POLY-AMERICA LP
2000 WEST MARSHALL DRIVE
GRAND PRAIRIE, TEXAS 75051

PRODUCT	NATURAL POLYETHYLENE SHEETING/FILM
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IMPORTANT:

Poly-America LP urges each customer or recipient of this Material Safety Data Sheet to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS.

NOTICE:

This product is not FDA, CPSC or NSF compliant. It is unsuitable for use in applications such as direct or indirect food contact, toys, medical device or pharmaceutical applications or for potable water application.

SECTION I	IDENTIFICATION
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Chemical Name: Polyethylene Resins
CAS Number: 9002-88-4
Synonyms: High-density Polyethylene (HDPE)
Linear Low-density Polyethylene (LLDPE)

SECTION II	COMPOSITION
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Polyethylene may be described by one of the following:

	CAS No.	AGGIH TLV	AGGIH STEL	OSHA PEL	OSHA STEL	WL%	Carcinogenic Listing *
Polyethylene, homopolymer	9002-88-4	N/L	N/L	N/L	N/L	98-100	N/L
1-Octene							
Polymer with ethene	26221-73-8	N/L	N/L	N/L	N/L	98-100	N/L
1-Butene							
Polymer with ethene	25087-34-7	N/L	N/L	N/L	N/L	98-100	N/L

* 1= OSHA 2= IARC 3= NTP 4= Others N/L= Not listed

SECTION III	PHYSICAL PROPERTIES
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Emergency Overview This material is **NOT HAZARDOUS** by OSHA Hazard Communication

Boiling Point: Not applicable
Vapor Pressure: Not applicable
Solubility in Water: Nil
Density: .900 - .960 gm/cc
Form: Thin solid film or sheet
Odor: None
Volatiles: Nil

SECTION IV	FIRE AND EXPLOSION HAZARD DATA
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Flash Point: 600 – 650°F
Flammable Limits: Not applicable
Fire Fighting: Use water to extinguish the fire and cool surfaces. Other types of extinguishers may also be used. Use NIOSH approved self-contained breathing apparatus when fighting fires in enclosed areas.
Decomposition Products: CO₂; H₂, and under lean oxygen conditions, CO

SECTION V REACTIVITY

Stability: Stable
Conditions to Avoid: Temperatures over 300°C can cause degradation.
Reactive Polymerization: Does not occur
Incompatibility: None

SECTION VI HEALTH

Eye: Solid or dust may cause irritation or corneal injury due to mechanical action.
Skin Contact: Negligible hazard
Inhalation: Negligible hazard at ambient temperature.
Ingestion: Minimal toxicity
Exposure Limits: No limit established for polyethylene
First Aid: If ingested, no known health effect. Skin contact with molten plastic should be treated with cold water before plastic is removed, then wrap in clean gauze and seek medical attention.

SECTION VII EMPLOYEE PROTECTION

This product as it is shipped to customers is non-hazardous. The user needs should determine PPE.

SECTION VIII HANDLING AND STORAGE

This product is normally shipped in corrugated paper boxes. Store and stack as recommended by the manufacturer. The boxes and plastic will burn in the presence of open flame. Do not weld or use open flame where product is stored without proper fire fighting prevention procedures.

SECTION IX ENVIRONMENTAL PROTECTION

Polyethylene sheeting or film is considered non-hazardous. Recycle old or unused plastic when possible. Otherwise, dispose in landfills or incinerators in accordance with local, state, and federal regulations.

SECTION X TRANSPORT INFORMATION

Non-regulated

SECTION XI ADDITIONAL INFORMATION**Regulatory Requirements:**

DOT: Not Applicable

HMIS: **Health:** 0
Reactivity: 0
Flammability: 0

PREPARED BY: Safety / Environmental Coordinator
PREPERATION DATE: September 1, 1997
REVISED: January 14, 2003

EMERGENCY PHONE NUMBERS:

Monday – Friday 1-800-527-3322 ext. 7215
Weekends & Nights 1-800-527-3322 ext. 7241

The opinions expressed are those of qualified experts within Poly-America LP. We believe that the information contained is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Poly-America LP, it is the user's obligation to determine the conditions of safe use of this product.