

**MATERIAL SAFETY DATA SHEET**

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

**PRODUCT NATURAL POLYETHYLENE SHEETING/FILM****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**

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

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

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

**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**

**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:** CO<sub>2</sub>; H<sub>2</sub>, 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.