

**GLAD® Wrap****1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

GLAD® Wrap

**Manufactured for:**  
**The Glad Products Company**  
 1221 Broadway  
 Oakland, CA 94612  
 Telephone: (510)271-7000

**Product Type** Polyethylene Wrap

**Stock** HP-600A

**Formula** NA

**Emergency Phone Numbers** For Medical Emergencies Call: 1-800-446-1014 For Transportation Emergencies Call: 1-800-424-9300 (Chemtrec)

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

This product is an articles as defined under OSHA regulations in 29 CFR 1910.1200 and Canadian WHMIS Regulations. A Material Safety Data Sheet is not required for this products.

Hazardous Materials	Material	%	CAS #	Exposure Limit	Source
	Polyethylene	100	9002-88-4	5 mg/m <sup>3</sup> TWA (respirable dust)	(1)
				10 mg/m <sup>3</sup> TWA (total dust)	(2)

The Permissible Exposure Limits (PEL) reported above are the pre-1989 limits that were reinstated by OSHA following a decision by the 11<sup>th</sup> Circuit Court of Appeals. These PELs are being enforced by Federal OSHA. Be aware that more restrictive limits may be enforced by some states. The Glad Products Company recommends that the lower exposure limits be observed as reasonable worker protection.

The source for exposure limits listed above are:

1. OSHA Permissible Exposure Limit (PEL)
2. ACGIH Threshold Limit Value (TLV)
3. Both the OSHA PEL and ACGIH TLV
4. Recommended by the Manufacturer

**3 HAZARDS IDENTIFICATION**

**GLAD® Wrap****Principal Hazards**

- This product is an inert, non-hazardous film with no odor.
- Exposure to vapors and fumes from heating the polymer to decomposition may cause eye, mucous membrane and respiratory irritation.
- Plastic can create a suffocation hazard when placed over the mouth and nose.

See Section 11 for complete health hazard information

**KEEP OUT OF REACH OF CHILDREN****4 FIRST AID****Swallowing**

No toxic effects are expected, however, if this material is swallowed call a physician or poison control center.

**Skin**

No first aid is normally needed. For contact with molten material, flush areas with large amounts of cold water. Do not attempt to remove material that adheres to the skin. Get prompt medical attention.

**Inhalation**

No harmful effects expected from normal use, If exposure to decomposition products occurs and irritation develops, remove to fresh air . If irritation persists, seek medical attention.

**Eyes**

No first aid is normally needed.

**Notes To Physician**

No harmful systemic effects are expected from ingestion of this product. It is approved for food contact use.

**5 FIRE FIGHTING MEASURES**

**FLASH POINT (Method)** Not Applicable

**Upper Flammable Limit** Not Applicable

**Lower Flammable Limit** Not Applicable

**Extinguishing Media** Water spray or fog, foam, carbon dioxide, dry chemical

**Special Firefighting Procedures** Use self contained breathing apparatus when entering a confined space. If possible, water should be applied with a fog nozzle. Polyethylene is a surface burning material.

**Unusual Fire and Explosion Hazards** None known.

**5 FIRE FIGHTING MEASURES (continued)**

**GLAD® Wrap**

<b>Combustion Decomposition</b>	Carbon, carbon dioxide, carbon monoxide, smoke, acrolein, formaldehyde, other aldehydes and other organic vapors may be produced.
<b>Auto-ignition Temperature</b>	Approximately 500-700 °F (ASTM 1926)
<b>Explosion Data</b>	Polyethylene dust can form flammable and explosive mixtures with air.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Spill</b>	Clean up spilled material promptly to avoid a slipping hazard. Collect for use or disposal..
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**7. HANDLING AND STORAGE**

<b>Handling Procedures</b>	<ul style="list-style-type: none"> <li>• Keep film away from excessive heat and flames.</li> </ul>
<b>Storage Procedures</b>	<ul style="list-style-type: none"> <li>• Store in a cool, dry area away from excessive heat.</li> </ul>

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Ventilation Procedures</b>	General ventilation should be adequate for normal use.
<b>Gloves Protection</b>	None needed under normal use conditions.
<b>Eye Protection</b>	None needed under normal use conditions.
<b>Respiratory Protection</b>	None needed under normal use conditions.
<b>Clothing Recommendation</b>	None needed under normal use conditions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Vapor Pressure</b>	Not applicable
<b>pH</b>	Not applicable
<b>Specific Gravity</b>	Not applicable
<b>Water Solubility</b>	Insoluble
<b>Percent Volatile</b>	0%
<b>Vapor Density</b>	Not applicable

**9. PHYSICAL AND CHEMICAL PROPERTIES (continued)**

**GLAD® Wrap**

<b>Evaporation Rate</b>	Not applicable
<b>Odor</b>	No appreciable odor.
<b>Appearance</b>	Clear or colored plastic film.
<b>Viscosity</b>	Not applicable
<b>Odor Threshold</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Freezing Point</b>	Not determined
<b>Molecular Weight</b>	Not applicable
<b>Octanol/Water Coefficient</b>	Not available

**10 STABILITY AND REACTIVITY**

<b>Stability</b>	Stable
<b>Incompatibility</b>	Avoid strong oxidizing agents, acids and bases.
<b>Polymerization</b>	Will not occur.
<b>Hazardous Decomposition</b>	Carbon, carbon dioxide, carbon monoxide, smoke, acrolein, formaldehyde, other aldehydes and other organic vapors may be produced.

**11 TOXICOLOGICAL INFORMATION**

<b>Oral Toxicity</b>	No adverse effects expected from swallowing small amounts of this material.
<b>Eye Irritation</b>	Any foreign body in the eye will cause irritation. No adverse effects are expected from contact.
<b>Skin Irritation</b>	No adverse effects are expected from normal contact. Molten or heated film may cause serious burns.
<b>Dermal Toxicity</b>	No adverse effects are expected.

**11 TOXICOLOGICAL INFORMATION (continued)**

**GLAD® Wrap**

<b>Inhalation Toxicity</b>	No adverse effects expected from the normal use of this product. Breathing vapors and fumes from heating the polymer to decomposition may cause eye, mucous membrane and respiratory irritation.
<b>Acute Toxicity Values</b>	Acute oral doses of polyethylene at 7.95 g/kg fed to rats showed no adverse effects. Dietary levels of polyethylene of 1.25, 2.5 and 5 percent for 90 days did not produce signs of toxicity.
<b>Sensitization</b>	This product is not expected to cause skin or respiratory sensitization
<b>Chronic Toxicity</b>	No chronic effects of exposure are expected for normal product use.
<b>Medical Conditions Aggravated By Exposure</b>	This product is not expected to aggravate existing medical conditions.
<b>Carcinogenicity</b>	No evidence of carcinogenicity from available information.
<b>Mutagenicity</b>	No evidence of mutagenicity from available information.
<b>Reproductive Toxicity and Teratogenicity</b>	No evidence of adverse reproductive effects from the available information.

**12 ECOLOGICAL INFORMATION**

<b>Aquatic/Terrestrial Toxicity</b>	No data is available at this time.
<b>Environmental Fate</b>	This product does not biodegrade.

**13 DISPOSAL CONSIDERATIONS**

<b>Waste Disposal</b>	Dispose in accordance with federal, state and local regulations as ordinary trash.
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**14 TRANSPORT INFORMATION**

<b>U.S. DOT Non-Bulk Shipping Description</b>	None - Not Regulated
<b>ID Number</b>	None
<b>Hazard Class</b>	None
<b>Packing Group</b>	None
<b>Label</b>	None
<b>Markings</b>	None
<b>Placards</b>	None

**14 TRANSPORT INFORMATION (continued)**

**GLAD® Wrap**

<b>IMDG Code Shipping Description</b>	NONE - NOT REGULATED
<b>Technical Name</b>	NONE
<b>ID Number</b>	NONE
<b>Hazard Class</b>	NONE
<b>Packing Group</b>	NONE
<b>Markings</b>	NONE
<b>Label</b>	NONE
<b>Placards</b>	NONE
<b>IMDG PG</b>	NONE

**15 REGULATORY INFORMATION**

<b>U.S. TSCA Inventory/ other TSCA regulations.</b>	This product is considered a manufactured article under the TSCA regulations and are not subject to its requirements, however, all of the components of this product are listed on the TSCA inventory.
<b>SARA Ext. Haz. Subst.</b>	None.
<b>SARA Section 313</b>	These products are considered manufactured articles under SARA regulations and are not subject to reporting requirements. These products do not contain toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (SARA 313 - Toxic Chemical Release Reporting)
<b>CERCLA Hazardous Substances (Section 103)/RQ</b>	This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
<b>California Proposition 65</b>	These products do not contain chemicals regulated by the State of California under proposition 65.

**16 OTHER INFORMATION**

<b>NFPA Code</b>	Health: 0    Fire: 1    Reactivity: 0
<b>HMIS Code</b>	Health: 0    Fire: 1    Reactivity: 0
<b>Precautionary Labels</b>	Observe all requirements of plant, company or government regulations.
<b>Revision Indicators</b>	Supersedes: March 21, 1997      Revised Sections: Sections 1, 16 (New Company Name)

**16 OTHER INFORMATION (continued)**

# GLAD® Wrap

## General

This MSDS is directed to professional users and bulk handlers of the product or its ingredients. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations and in some instances might differ from the information provided herein.