

PLI

550 Old Peachtree Rd. NW, Atlanta, Georgia 30024

MATERIAL SAFETY DATA SHEET

SOFT SEAL

SECTION 1: IDENTIFICATION

Product Name: SOFT SEAL

Chemical Name: Polyethylene Foam Film Combination

Chemical Family: Plastics

Manufacturer: PLI
550 Old Peachtree Road NW
Suwanee, GA 30024

Telephone:	Emergency	(M-F: 8-5EST) 770-447-5123	(Weekends/Evenings) 770-616-0514
	Non-Emergency	(Customer Service) 770-447-5123 770-447-5124	(General) 770-447-5123

SECTION 2: COMPOSITION

<u>HAZARDOUS INGREDIENT</u>	<u>CAS #</u>	<u>WEIGHT%</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>
Polyethylene	9002-88-4	85-100	N.E.	N.E.
Hydrocarbon Gas	75-28-5 or 74-98-6	0-5	800 ppm	800 ppm
Glycerol Stearate	Mixture	0-2	N.E.	N.E.
Color Concentrate	Variety	0-1	N.E.	N.E.

OSHA REGULATORY STATUS

While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

SECTION 3: HAZARD IDENTIFICATION

Emergency Overview:

Hazards: Odorless plastic foam in a variety of colors can burn in fire, releasing toxic vapors, gases and fumes.

Physical State: Solid

Color: Green foam with clear film

Potential Health Effects:

Eye: May cause slight irritation to the eye. Dust may cause irritation or corneal injury due to mechanical action.

Skin: May cause skin irritation.

Ingestion: May be harmful if swallowed.

Inhalation: Fumes generated under heat may cause eye irritation and respiratory irritation. Dust may cause irritation to upper respiratory tract and lungs.

SECTION 4: FIRST AID MEASURES

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid.

Eye: Flush particles from eyes with clean flowing water or eye wash solution for fifteen (15) minutes. Seek medical attention if discomfort persists.

Skin: Wash contaminated skin with mild soap and water. Individuals experiencing skin sensitivity should seek medical advice.

Ingestion: Induce vomiting if large quantities are swallowed.

Inhalation: Remove to fresh air. If not breathing administer artificial respiration. Oxygen may be given by qualified personnel. Seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: Polyethylene: N.A.
(Hydrocarbon Gas: -120 F (-84 C)*)

Flammable Limits: LOWER: Polyethylene: N.A.
(Hydrocarbon Gas: 1.8% by volume)*

UPPER: Polyethylene: N.A.
(Hydrocarbon Gas: 8.5% by volume)*

* Only trace amounts of residual blowing agent (under 2wt%) present in the foam.

Extinguishing Media: Dry chemical, carbon dioxide and water.

Fire and Explosion Hazards: Trace amounts of residual blowing agent may be present in the foam. Mechanical and thermal processes may produce dust and flammable vapors which may be potential explosion hazards. Tightly sealed containers may burst under fire or intense heat.

Fire Fighting Instructions:

Protective Equipment/
Clothing: Wear an approved positive pressure self-contained breathing apparatus and firefighter turnout gear in enclosed areas.

NFPA Hazard Code:

Health:	0
Flammability:	1
Reactivity:	0
Special Hazard:	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

No special measures are necessary beyond good general housekeeping.

SECTION 7: HANDLING AND STORAGE

Handling: Soft Seal foam is made with a flammable hydrocarbon blowing agent, most of which is removed prior to shipment. However, residual flammable vapors may gradually exhaust from the foam during storage, fabrication or use. Avoid close confinement of large foam quantities and sources of ignition near the foam (i.e. smoking, sparks, flames.) Do not store near heating equipment. Heating equipment should be inspected regularly during every heating season to check for pinholes or larger defects in the combustion chamber. Burns readily when exposed to plentiful and hot ignition sources. Use self-contained breathing apparatus in the event of fire.

SECTION 7: HANDLING AND STORAGE Continue

Fabricating operations which cut large numbers of interior foam cells, can release localized amounts of flammable, residual blowing agents. Provide adequate ventilation to avoid the build up of blowing agent concentration.

Transportation of large quantities of Soft Seal foam in ventilated vehicles. Exercise caution when opening vehicles containing the Soft Seal foam to avoid all possible sources of ignition (lit tobacco products sparks, etc.) near the foam and vehicle.

Storage: Recommend storage temperature: Max. 160 F (71 C).

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits: OSHA-PEL: Hydrocarbon Gas 800ppm
ACGIH-TLV: Hydrocarbon Gas 800ppm

Ventilation: Use local exhaust ventilation if necessary to maintain hydrocarbon gas levels below the PEL and LEL.

Personal Protection:

Eye: Safety glasses are recommended.

Skin: Not required, wearing gloves is consistent with good industrial safety/hygiene practice.

Inhalation: Use appropriate respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green Plastic foam	Physical State:	Solid
Boling Point:	Not applicable	Vapor Pressure:	Not applicable
Vapor Density:	Not applicable	Bulk Density:	20-200 Kg/m3
Molecular Weight:	N.E.	% Volatile by Vol:	Nil
Melting Point:	230 F (110 C)	Solubility in Water:	Not soluble

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: The product is stable.

Polymerization: Will not occur.

Conditions to Avoid: Avoid sparks, open flame, excessive heat and UV.

Incompatibility Material: Strong oxidants (long contact).

Hazardous Decomposition: None

SECTION 11: TOXICOLOGICAL INFORMATION

Not applicable or available data for this section.

SECTION 12: ECOLOGICAL INFORMATION

This product is inert to the environment and is not expected to exhibit any significant biodegradation.

SECTION 13: DISPOSAL CONSIDERATIONS

Use only licensed transporters and permitted facilities for waste disposal. Recycle or reuse when ever possible.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name: Polyethylene Foam with Film Combination

DOT Hazard Class: Not Regulated

IMO: Not Regulated

IATA/ICAO Class: Not Regulated

SECTION 15: REGULATORY INFORMATION

RCRA: The product as supplied is not classified as a RCRA hazardous waste.

SECTION 15: REGULATORY INFORMATION Continue

SARA III, Sec 302: None

SARA III, Sec 311/312: None

SARA III, Sec 313: None

SECTION 16: OTHER INFORMATION

The following states have regulations that apply to the use of this product.

- NJ New Jersey Workplace Hazardous Substance
- NJ New Jersey Environmental Hazardous Substance List
- PA Pennsylvania Hazardous Substance List

The appropriate state agency should be contacted for further details on regulatory requirements.

Disclaimer of Responsibility:

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