

## Uline Inc.

**Uline Foam Rolls**  
Manufacturer MSDS Number:

### SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Uline Foam Rolls  
Distributor Name: Uline Inc.  
Distributor Address: 2200 Lakeside Dr.  
Waukegan, IL 60085  
Distributor Telephone: 1-800-295-5510  
For information in North America, call: 1-800-295-5510  
For emergencies in the US, call CHEMTREC: 800-424-9300  
Manufacturer MSDS Revision Date: 4/99  
Trade Names: Polyethylene Foam  
Chemical Family: Plastics  
Chemical Formula: Not Applicable  
Manufacturer Name:

Address:

Business Phone:

CHEMTREC:  
For Chemical Emergency—spill, leak, fire, exposure or accident, 24  
hours: (800)–424–9300  
(201)–712–7000  
Product Name: Cell–Aire®, Corro–Foam™, CelluPlank™, Stratocell™,  
Stratocell™ Plus, and Cellu–Cushion® polyethylene foam. Includes  
various extruded polyethylene foam profiles.

Chemical Name: Polyethylene

Product Codes: S–2481

### SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

**Chemical Name:** [Glycerol Stearate](#)

**CAS#** Proprietary

**% Weight** 0–2%

OSHA PEL TWA:  
ACGIH TLV TWA:

Not Established  
Not Established

**Chemical Name:** [Polyethylene](#)

**CAS#** 9002884

**% Weight** 85–100%

OSHA PEL TWA:  
ACGIH TLV TWA:

Not Established  
Not Established

**Chemical Name:** [Hydrocarbon Gas](#)

**CAS#** Proprietary

**% Weight** 0–5%

OSHA PEL TWA:  
ACGIH TLV TWA:

800 ppm  
800 ppm

**Chemical Name:** [Color Concentrate](#)

**CAS#** Proprietary

**% Weight** 0–1%

OSHA PEL TWA:  
ACGIH TLV TWA:

Not Established  
Not Established

### SECTION 3 : HAZARDS IDENTIFICATION

Physical State:  
Odor:

Solid Plastic Foam. White or colored solid.  
None

**Applies to All Ingredients:**

**Potential Health Effects:**

Eye Contact:  
Skin Contact:  
Inhalation:  
Ingestion:

Dust may cause irritation or corneal injury due to mechanical action. Fumes released during hot operation may cause eye irritation. May cause skin irritation. Fumes generated under heat may cause eye irritation and respiratory irritation. Dust may cause irritation to upper respiratory tract and lungs. May be harmful if swallowed. Note: Read the entire MSDS for a more thorough evaluation of the hazards.

**SECTION 4 : FIRST AID MEASURES**

Eye Contact:  
Skin Contact:  
Inhalation:  
Ingestion:

Flush eyes with plenty of water to remove particulate. Wash with soap and water. Remove to fresh air. If not breathing administer artificial respiration. Oxygen may be given by qualified personnel. Get medical attention. Not a likely route of exposure. Induce vomiting if large quantities are swallowed.

**SECTION 5 : FIRE FIGHTING MEASURES**

Flash Point:  
Upper Flammable or Explosive Limit:  
Lower Flammable or Explosive Limit:  
Extinguishing Media:  
Fire Fighting Instructions:

Polyethylene: Not Applicable (Hydrocarbon Gas: -120 deg F (84 deg C))\* Polyethylene: Not Applicable; (Hydrocarbon Gas: 8.5% by volume)\* Polyethylene: Not Applicable; (Hydrocarbon Gas: 1.8% by volume)\* Water, carbon dioxide (CO2) and dry chemical. Firefighters should be equipped with positive pressure self-contained breathing apparatus in enclosed areas.

**NFPA**

Health: 0  
Reactivity: 0

Flammability: 1  
Other: None

**Unusual Fire 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. \*Only trace amounts of residual blowing agent present in the foam

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:**

Handle as general inert material.

**SECTION 7 : HANDLING and STORAGE**

**Storage:**

Storage Temperature: Max. 160 deg F (71 deg C) Precautions to be Taken in Handling Storage and Transportation: **WARNING:** This polyethylene 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.

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

**WARNING:** Transport large quantities of this polyethylene foam in ventilated vehicles. Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (lit tobacco products, sparks, etc.) near the foam and vehicle.

For additional information obtain the Sealed Air Corporation "Polyethylene Foam Safety Guide."

**SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

Ventilation System:	Use local exhaust ventilation if necessary to maintain hydrocarbon gas levels below the PEL and LEL. For guidance on engineering controls, refer to the ACGIH publication "Industrial Ventilation."
Eye/Face Protection:	Use goggles or safety glasses with side shields when exposed to foam dust or particles.
Respiratory Protection:	In dusty atmosphere and where fumes are generated above regulatory limits, wear appropriate respirator protection.
Exposure Limits:	OSHA-PEL: Hydrocarbon Gas: 800 ppm ACGIH-TLV: Hydrocarbon Gas: 800 ppm

### SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:	Solid plastic foam
Color:	Natural, Black, Light Green and other colors.
Vapor Pressure:	Not Applicable
Vapor Density:	(Air=1): Not Applicable
Boiling Point:	Not Applicable
Melting Point:	230 deg F (110 deg C)
Solubility:	In Water: Not soluble
Density:	Bulk Density: 20-200 Kg/m3
Percent Volatile:	By volume: Nil
Molecular Weight:	Not Established

### SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Avoid flame, very high temperature and UV.
Incompatibilities with Other Materials:	Strong oxidants (long contact).
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	None

### SECTION 11 : TOXICOLOGICAL INFORMATION

No 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

Waste Disposal:	Reuse, recycle, incinerate, or dispose in approved landfill. Follow all regulatory requirements for disposal.
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### SECTION 14 : TRANSPORT INFORMATION

Transportation Information:	<b>WARNING:</b> Transport large quantities of this polyethylene foam in ventilated vehicles. Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (lit tobacco products, sparks, etc.) near the foam and vehicle.
DOT Shipping Name:	Not regulated
IMO:	Not regulated
IATA:	Not regulated
	ICAO Class: Not regulated
	For additional information obtain the Sealed Air Corporation "Polyethylene Foam Safety Guide."

### SECTION 15 : REGULATORY INFORMATION

<b>Applies to all ingredients:</b>	
Section 302:	None
Section 312 Hazard Category:	None
Section 313 Toxic Release Form:	None
State:	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.  
RCRA Status: The product as supplied is not classified as a RCRA hazardous waste.

#### SECTION 16 : ADDITIONAL INFORMATION

MSDS Revision Date: 4/99

Section(s) Revised: New Issue

Disclaimer: This information is furnished with warranty, expressed or implied, except that it is accurate to the best knowledge of Sealed Air Corporation. The data on this sheet relates only to the specific material designated herein. Sealed Air Corporation assumes no legal responsibility for use or reliance upon these data.

Abbreviations:

N.E.: Not Established

N.A.: Not Applicable

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