

NFPA

Uline Centerfold Polyolefin Shrink Film (all gauges)



**SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS Name: Uline Centerfold Polyolefin Shrink Film (all gauges)

Distributor Name: Uline

Distributor Address:

2200 S. Lakeside Drive  
Waukegan, IL 60085

Distributor Phone: (800)-295-5510

Manufacturer MSDS Revision Date: 9/28/2004 4:22 PM

Supersedes: 7/24/02 2:51 PM (Note: Revised date always supercedes creation date)

Chemical Family: Polymeric packaging material

MSDS Prepared By:

Emmet Austin

NFPA Codes:

Other: Not Applicable

NFPA

Health: 0

Flammability: 1

Reactivity: 0

Other:

**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

--	--	--	--

Ingredient Name:

None

Additional Information:

In accordance with 29 CFR 1910.1200, this product contains no hazardous components other than that listed above.

## SECTION 3 : HAZARDS IDENTIFICATION

### Emergency Overview:

Not hazardous.

### Applies to All Ingredients:

#### Route of Exposure:

Ingestion or skin contact.

#### Potential Health Effects:

Material is not chemically hazardous.

#### Eye Contact:

Not expected to cause prolonged or significant eye irritation.

#### Skin Contact:

Not expected to be harmful through skin contact.

#### Inhalation:

Not expected to be an inhalation hazard.

#### Ingestion:

Not expected to be harmful if swallowed.

#### Carcinogenicity:

Not listed in NTP, OSHA, or IARC Monographs.

#### Additional Information:

Upon combustion or thermal degradation, this material may produce fumes which cause respiratory irritation (coughing, difficulty breathing). Adequate ventilation will minimize this. Contact with heated material may cause thermal burns to eyes and/or skin (leading to pain, discoloration, swelling, blistering).

## SECTION 4 : FIRST AID MEASURES

### Eye Contact:

If heated material gets into eyes, flush immediately with fresh water for 15 minutes while holding eyelids open. Remove contact lenses if worn. Seek immediate medical attention.

### Skin Contact:

If hot material gets onto skin, quickly cool in water. See physician for extensive burns. Do not try to peel solidified material from skin or use solvents or thinners to dissolve it. Use of vegetable or mineral oils is recommended for removal of this material from skin.

### Inhalation:

If breathing difficulties develop, move affected person away from source of exposure into fresh air. Seek medical attention.

**Ingestion:**

Ingestion is an unlikely route of exposure under normal industrial conditions. However, if appreciable quantities of this product are accidentally swallowed, seek medical attention.

## SECTION 5 : FIRE FIGHTING MEASURES

**Flash Point:**

Not Available

**Upper Flammable or Explosive Limit:**

In Air (% by Volume): Not Applicable

**Lower Flammable or Explosive Limit:**

In Air (% by Volume): Not Applicable

**Auto Ignition Temperature:**

Not Available

**Flammability Class:**

Not Available

**Extinguishing Media:**

Water, carbon dioxide, Foam, Fog, Dry Chemical

**Hazardous Combustion Byproducts:**

Known or Anticipated:

Hydrocarbon oxidation products, including carbon dioxide, carbon monoxide, organic acids, aldehydes, alcohols.

**Fire Fighting Instructions:**

Use self-contained breathing apparatus.

**Additional Information:**

This material will burn although it is not easily ignited.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### Leak Response:

Accidental Release Measures:

Sweep spilled material into a disposable container. If spilled material is molten, allow it to cool and solidify before proceeding with disposal methods.

### Personal Precautions:

Allow heated material to cool prior to cleanup.

### Spill Cleanup Measures:

No special methods required.

Spill: Spilled material may create a slipping hazard.

### Environmental Precautions:

Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

### Prohibited Products:

None known.

Additional Information: Not Applicable

## SECTION 7 : HANDLING and STORAGE

### Handling:

Avoid contact with melted material.

### Storage:

None

### Hygiene Practices:

Avoid direct contact with heated material.

### Other Precautions:

None

Additional Information: Not Applicable

## SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

### Engineering Controls:

Not Available

### Ventilation System:

Provide adequate ventilation or local exhaust to remove fumes when performing high-temperature processing such as heat sealing or hot-wire cutting.

### Skin Protection Description:

Wear suitable gloves during processing.

### Eye/Face Protection:

Wear eye/face protection appropriate for hazard.

### Protective Clothing/Body Protection:

Not Applicable

### Respiratory Protection:

If smoke or fumes are generated during processing, use adequate ventilation or wear appropriate approved respiratory protection (not normally required).

### Work Hygienic Practices:

Avoid direct contact with heated material.

Additional Information:

See sections 3, 4, and 5.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### Physical State/Appearance:

Translucent

### Odor:

Odorless

### Physical State:

Solid

### Decomposition Temperature:

Not Available

### Melting Point:

85-130 deg C

### Solubility:

In Water: Insoluble.

**Specific Gravity:**

(Water=1): 0.90-0.95

**Softening Point:**

82 deg C

**Flashpoint:**

Not Available

**Auto Ignition Temp:**

Not Available

**Upper Flammable Explosive Limit:**

In Air (% by Volume): Not Applicable

**Lower Flammable Explosive Limit:**

In Air (% by Volume): Not Applicable

**Additional Information:**

Not Applicable

## SECTION 10 : STABILITY AND REACTIVITY

**Chemical Stability:**

Material is stable.

**Incompatibilities with Other Materials:**

None known.

**Hazardous Decomposition Products:**

Hydrocarbon oxidation products, including carbon dioxide, carbon monoxide, organic acids, aldehydes and alcohols, may be formed during combustion.

**Additional Information:**

Not Applicable

## SECTION 11 : TOXICOLOGICAL INFORMATION

**Toxicological Paragraph:**

No information available.

**Additional Information:**

Not Applicable

## SECTION 12 : ECOLOGICAL INFORMATION

### Ecological Paragraph:

No information available.

### Additional Information:

Not Applicable

## SECTION 13 : DISPOSAL CONSIDERATIONS

### Waste Disposal:

Disposal Considerations:

Incineration or landfill in compliance with federal, state, and local regulations.

### Additional Information:

Not Applicable

## SECTION 14 : TRANSPORT INFORMATION

### DOT Shipping Information:

No information available.

### IATA:

No information available.

Maritime Transportation CGVS/GGVE/IMDG: No information available.

### Air-ICAO:

No information available.

Additional Information: Not Applicable

## SECTION 15 : REGULATORY INFORMATION

### Applies to all ingredients:

#### Section 313 Toxic Release Form:

Other than any materials listed in Section 2, this product does not contain a chemical which is listed in Section 313 above the de minimus concentrations.

#### OSHA 29 CFR 1200:

In accordance with 29 CFR 1910.1200, this product contains no hazardous components other than that listed above.

**Additional Information:**

Not Applicable

**SECTION 16 : ADDITIONAL INFORMATION**

**NFPA:**

Fire Hazard: 1

Health: 0

Reactivity: 0

Specific Hazard: Not Applicable

**MSDS Revision Date:**

9/28/2004 4:22 PM

Supersedes: 7/24/02 2:51 PM (Note: Revised date always supercedes creation date)

**MSDS Author:**

Emmet Austin

**Disclaimer:**

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date. However, no warranty, expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure activities comply with federal, state, and local laws.

**Additional Information:**

Not Applicable