

Uline Inc.

ULINE Open End Bubble Bags

Manufacturer MSDS Number:

SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: ULINE Open End Bubble Bags
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
Manufacturer MSDS Revision Date: November 1993
Chemical Family: Polyolefins
Manufacturer Name:
General Use: As determined by customer
Address:

Business Phone:
Comments: Product Identification: Flexible cellular plastic film

Product Codes: S-5459

SECTION 2 : HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Name Polyethylene resin

Chemical Name Additives such as anti-oxidants anti-static agents, color, etc.

SECTION 3 : PHYSICAL AND CHEMICAL PROPERTIES

Color: Natural, black, pink (antistatic), blue, orange
Odor: Mild hydrocarbon odour
Physical State: Solid
pH: Not applicable
Vapor Pressure: Not applicable
Boiling Point: Not applicable
Freezing Point: Over 100 deg C
Melting Point: Over 100 deg C
Evaporation Point: Not applicable
Coefficient of Water/Oil Distribution: Not applicable

SECTION 4 : FIRE AND EXPLOSION HAZARDS

Fire: Can ignite when in direct contact with an open flame.
Flash Point: Not applicable
Upper Flammable or Explosive Limit: Not applicable
Lower Flammable or Explosive Limit: Not applicable
Auto Ignition Temperature: Over 300 deg C
Extinguishing Media: CO2, foam, dry chemical, water spray, halon
Hazardous Combustion Byproducts: Will depend on conditions of combustion
Fire Fighting Instructions: Use self contained breathing apparatus
Sensitivity to Impact: Mechanical Impact: None
Static Discharge Effects: None
Additional Information: Other fire or explosion hazards: None known.

Carbon monoxides and dioxides: Acroleins, aldehydes, hydrocarbons and smoke may be generated.

SECTION 5 : HEALTH HAZARDS

Applies to All Ingredients:

Skin Effects: Direct contact with the film may cause dermatitis in sensitive individuals.
Ingestion Effects: No adverse effects anticipated when proper industrial handling is used.
Inhalation Effects: Negligible hazard at ambient temperatures.
Carcinogenicity: Not known to be carcinogenic
Mutagenicity: None known

Reproductive Toxicity:
Toxicological Paragraph:

None known
Recommended exposure limit: Not applicable
Toxicological data: Not expected to be toxic
Synergistic effects: None known
Other health effects: Not known

SECTION 6 : EMERGENCY AND FIRST AID PROCEDURES

Emergency Overview: Hazardous Ingredients: None known
Comments: Only physical injuries would be expected in an accident other than fire. Use appropriate first aid measures.

SECTION 7 : REACTIVITY DATA

Chemical Stability: Under normal conditions: stable
Under fire conditions: flammable
Conditions to Avoid: Temperatures over 250 deg C may cause resin degradation
Incompatibilities with Other Materials: Strong oxidizers
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Combustible gases when heated over 300 deg C

SECTION 8 : PRECAUTIONS FOR SAFE HANDLING

Handling: Use good industrial practices due to weight of rolls.
Storage: Storing over 25 deg C for longer than six months may affect performance of film.
Waste Disposal: Dispose as solid waste or incinerate according to local and provincial regulations.

SECTION 9 : CONTROL MEASURES

Engineering Controls: None required at ambient conditions.
Skin Protection Description: Use gloves if required.
Eye/Face Protection: Use safety goggles if required.
Respiratory Protection: None required at ambient conditions.
Other Protective: Safety shoes are recommended due to weight of rolls.

SECTION 10 : OTHER INFORMATION

Applies to all ingredients:
Canada WHMIS: WHMIS Classification: Exempt, not a controlled product
MSDS Revision Date: November 1993
MSDS Author: Quality Assurance Department