

Uline

Polytubing - All Mills

Manufacturer MSDS Number:

NFPA



HMIS

HEALTH	0
FIRE	1
REACTIVITY	0
PPE	

SECTION 1 : Chemical Product and Company Identification

MSDS Name: Polyethylene (Low Density) Polytubing - All Mills

Product Description:

Film Extrusion, Laminating, Molding

Manufacturer MSDS Revision Date:

2/11/00

Synonyms:

Polyethylene (Low Density)

NFPA

Health: 0

Flammability: 1

Reactivity: 0

Other:

HMIS

Health Hazard: 0

Fire Hazard: 1

Reactivity: 0

Personal Protection:

Distributor Name: Uline

Distributor Address:

2200 S. Lakeside Drive
Waukegan, IL 60085

Emergency Telephone: (800) 295-5510

Distributor Telephone: (800) 295-5510

General Use:

Film Extrusion, Laminating, Molding

Chemical Name: Polyethylene (Low Density)

NFPA Rating:

Other: Not Applicable

SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name	CAS#		
Polyethylene	9002-88-4		

OSHA PEL TWA: 15.0 mg/m³ Nuisance Dust

SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:

Translucent Pellets

Odor:

Mild

pH:

Not Applicable

Vapor Pressure:

Not Applicable

Vapor Density:

Not Applicable

Boiling Point:

Not Applicable

Melting Point:

230 deg F, (110 deg C)

Solubility:

In Water: Negligible

Specific Gravity:

0.91 - 1.05

Evaporation Point:

Not Applicable

Percent Volatile:

By Weight: 0.1 Max

FlashPoint:

None

Auto Ignition Temp:

Not Applicable

SECTION 4 : Fire And Explosion Hazards

Fire:

Flammable Limits in Air: Not Applicable

Flash Point:

None

Auto Ignition Temperature: Not Applicable

Extinguishing Media:

Carbon dioxide, foam, dry chemical, and water fog

Fire Fighting Instructions:

Do not enter enclosed space without using self-contained breathing apparatus

NFPA

Health: 0

Flammability: 1

Reactivity: 0

Other: NA

Unusual Fire Hazards:

Bulk storage of Polyethylene pellets may result in the accumulation of ethylene gas with possible explosive potential; concentration of ethylene gas must be kept below the lower limit (LEL) of 2.7%

NFPA Rating:

Other: Not Applicable

HMIS Rating: 0-1-0

SECTION 5 : Health Hazards

Polyethylene:

Route of Exposure:

Inhalation, ingestion

Potential Health Effects:

Eye Contact:

Acute: Dust may cause irritation or redness; fumes from molten product may cause irritation or redness

Skin Contact:

Acute: Product as is should not cause irritation or dermatitis; molten product may cause thermal burns

Inhalation:

Acute: Inhalation of fines or fumes from molten product may cause irritation to the nose or throat

Chronic Health Effects:

None are known

Carcinogenicity:

OSHA Designation: Not Listed

NTP Designation: Not Listed

IARC Designation: Not Listed

Aggravation of Pre-Existing Conditions:

None are known

Toxicological Paragraph:

Toxicological Data: Non-toxic based on studies of similar products and their components

SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

Flush with plenty of water; if irritation continues, get medical attention

Skin Contact:

Wash skin with soap and water, for thermal burns, cool molten materials with water and get medical attention

Inhalation:

If overcome by dust or fumes, remove to fresh air; if breathing is difficulty, give oxygen and get medical attention; if victim has stopped breathing, give artificial respiration and get medical attention.

Ingestion:

No first aid measures should be necessary

SECTION 7 : Reactivity Data

Chemical Stability:

Material is stable

Incompatibilities with Other Materials:

This material is incompatible with strong oxidizers

Hazardous Polymerization:

Will not occur

Hazardous Decomposition Products:

Thermal decomposition: Incomplete combustion may produce carbon dioxide, carbon monoxide, aldehydes, hydrocarbons, formaldehyde.

Hazardous Materials: None are known

SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

Sweep or shovel up and hold for disposal

Handling:

Transfer: Static grounding recommended prior to transfer of product

Storage:

Store in a ventilated area away from sources of ignition; do not store with incompatible materials

Environmental Fate:

Environmental Impact: This material is not expected to present any environmental problems

Waste Disposal:

Waste Management Procedures: Product is non-hazardous in its neat form

DOT Shipping Name:

Department of Transportation: Not Regulated

SECTION 9 : Control Measures

Ventilation System:

Local ventilation is recommended to reduce dust and fumes when handling molten material.

Skin Protection Description:

Protective gloves and long sleeves when handling molten material.

Eye/Face Protection:

Safety glasses should be worn at all times: Safety goggles should be worn when handling molten material

Respiratory Protection:

Wear dust mask if dust levels exceed 15.0 mg/m³

SECTION 10 : Other Information

Polyethylene:

SARA:

Superfund Amendments Reauthorization Act: Not Regulated

RCRA 261.33 Code: Resource Conservation Recovery Act: Not Regulated

Section 112(r): Clean Air Act

Not Regulated

OSHA 29 CFR 1200:

Occupational Safety and Health Administration: Nuisance Dust

State:

Proposition 65: Not Regulated

CONEG: Not Regulated

HMIS:

Health Hazard: 0

Fire Hazard: 1

Reactivity: 0

NFPA:

Fire Hazard: 1

Health: 0

Reactivity: 0

Specific Hazard: Not Applicable

MSDS Revision Date:

2/11/00

Disclaimer:

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