Blown Stretch Wrap Film - All Gauges

Manufacturer MSDS Number:

SECTION 1 : Chemical Product and Company Identification

MSDS Name: Blown Stretch Wrap Film - All Gauges
Distributor Name: Uline
Distributor Address:
   2200 S. Lakeside Drive
   Waukegan, IL 60085
   Distributor Telephone:
   (800)-295-5510

Manufacturer MSDS Revision Date:
   15 June 2004
   Supersedes: 14 August 1997

Trade Names:
   Palletwrap

Synonyms:
   Palletwrap

Chemical Family: Ethylene-Based Polymer
Chemical Formula: Proprietary

NFPA
   Health: 1
   Flammability: 1
   Reactivity: 1
   Other: 0

HMIS
   Health Hazard: 1
   Fire Hazard: 1
   Reactivity: 1
   Personal Protection: 0
CHEMICAL NAME: Polyethylene

GENERAL HAZARD RATING SYSTEM:
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = No Unusual
W = Water
P = Peroxide
O = Oxidizer
E = Explosive
D = Dust

SECTION 2 : Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Paragraph:</th>
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<tr>
<td>This product formulation is proprietary information. The product contains no known hazardous components.</td>
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SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:
Clear

Color:
Translucent or colored film

Odor:
Odorless under normal conditions

Vapor Pressure:
mmHg at deg. F: Not Applicable

Boiling Point:
(Deg. F/deg. C): Not Applicable

Freezing Point:
Deg. F: Not Applicable

Melting Point:
Deg. F: Not Applicable

Solubility:
IN WATER WT% AT deg. F: Not Applicable

Specific Gravity:
SECTION 4: Fire And Explosion Hazards

Flash Point:
575 deg F

Flash Point Method:
ASTM D92 Cleveland Open Cup

Upper Flammable Explosive Limit: (PERCENT BY VOLUME): Not Applicable
Lower Flammable Explosive Limit: (PERCENT BY VOLUME): Not Applicable

Extinguishing Media:
FIRE: Water spray, water fog, CO2, dry chemical

Hazardous Combustion Byproducts:
May include and are not limited to carbon monoxide, carbon dioxide.

Fire Fighting Instructions:
Not applicable

Unusual Fire Hazards:
Not applicable

SECTION 5: Health Hazards

Applies to All Ingredients:
Potential Health Effects:
   ACUTE: No known hazards.

Eye Contact:
   No unusual hazards, other than normal particulates which might enter the eye.

Skin Contact:
   Negligible hazard at ambient conditions.

Inhalation:
   Negligible hazard at ambient conditions.

Ingestion:
   Minimal toxicity.

Chronic Health Effects:
   No known hazards.

THRESHOLD LIMIT VALUE(s)
COMPONENT: Polyethylene
TLV (SOURCE): No established limits

OCCUPATIONAL EXPOSURE LIMIT; RECOMMENDED: Follow recommended OSHA guidelines for nuisance dust

SECTION 6 : Emergency And First Aid Procedures

Eye Contact:
   If it gets in the eye, remove as any foreign object.

Skin Contact:
   If skin should come in contact with hot product, flush with large amounts of cold water and seek prompt medical attention.
   Note: Do not attempt to remove hot product from skin.

Ingestion:
   Seek medical advice if ingestion occurs.

SECTION 7 : Reactivity Data

Chemical Stability:
   Material is stable.

Conditions to Avoid:
   INSTABILITY: Not applicable

Incompatibilities with Other Materials:
   MATERIALS & CONDITIONS TO AVOID: Not applicable

Hazardous Polymerization:
Will not occur.

CONDITIONS TO AVOID: Not applicable

Hazardous Decomposition Products:
May produce carbon monoxide, carbon dioxide.

SECTION 8 : Precautions For Safe Handling

Handling:
Use static eliminator to dissipate charge during unwinding to prevent sparking.

Waste Disposal:
Normal approved solid waste methods.

(INSURE CONFORMITY WITH DISPOSAL REGULATIONS)

SECTION 9 : Control Measures

Ventilation System:
Not applicable.

Exposure Limits:
THRESHOLD LIMIT VALUE(s)
COMPONENT: Polyethylene
TLV (SOURCE): No established limits

OCCUPATIONAL EXPOSURE LIMIT; ATLANTIS RECOMMENDS: Follow recommended OSHA guidelines for nuisance dust

SECTION 10 : Other Information

HMIS:
Health Hazard: 1 = Slight
Fire Hazard: 1 = Slight
Reactivity: 1 = Slight
Personal Protection: 0 = No Unusual

NFPA:
Fire Hazard: 1 = Slight
Health: 1 = Slight
Reactivity: 1 = Slight
Specific Hazard: 0 = No Unusual

MSDS Revision Date:
Disclaimer:
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials on in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the data compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness.

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