

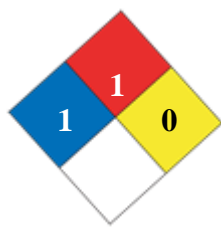
Uline

NFPA

HMIS

Plastic Pallets

Manufacturer MSDS Number: 70000000



| | |
|------------|---|
| HEALTH | 1 |
| FIRE | 1 |
| REACTIVITY | 0 |
| PPE | |

SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Plastic Pallets

Distributor Name: Uline

Distributor Address:

2200 S. Lakeside Drive
Waukegan, IL 60085

EMERGENCY TELEPHONE NUMBERS: (24 Hours)
CHEMTREC: (800) 424-9300

NON EMERGENCY TELEPHONE NUMBERS:
Distributor Phone: (800) 295-5510

Manufacturer MSDS Revision Date: MAY 4, 2000
Supersedes: April 29, 2000

CAS Number: 24937-78-8

Chemical Family: Ethylene-Based Polymer

Physical Form:

Solid pellets.

Color: Opaque white to transparent

CHEMICAL NAME: Ethylene-Vinyl Acetate Copolymer

HAZARD RATING SYSTEMS:

This information is for people trained in:
National Paint & Coatings Association's (NPCA)
Hazardous Materials Identification System (HMIS)
National Fire Protection Association (NFPA 704)
Identification of the Fire Hazards of Materials

KEY:

4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

CAUTION: HMIS ratings are based on a 0-4 rating scale with 1 representing minimal hazards or risks, and 4 representing significant hazards or risks. Recommended HMIS ratings should not be used in the absence of a fully

implemented HMIS hazard communication program.

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Health: 1

Flammability: 1

Reactivity: 0

Other:

HMIS

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection:

SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

Hazardous Paragraph:

This product is hazardous as defined in 29 CFR1910.1200.

SECTION 3 : HAZARDS IDENTIFICATION

Applies to All Ingredients:

Potential Health Effects:

Eye Contact:

Particulates may scratch eye surfaces/cause mechanical irritation.

Skin Contact:

Negligible hazard at ambient temperatures (-18 to +38 deg C; 0 to 100 deg F).

Exposure to hot material may cause thermal burns.

Inhalation:

Negligible hazard at ambient temperature (-18 to 38 deg C; 0 to 100 deg F)
Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Ingestion:

Minimal toxicity.

SECTION 4 : FIRST AID MEASURES

Eye Contact:

This product is an inert solid. If in eye, remove as one would any foreign object.

Skin Contact:

For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing, as the damaged flesh can be easily torn.

Inhalation:

In case of adverse exposure to vapors and/or aerosols formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Ingestion:

First aid is normally not required.

SECTION 5 : FIRE FIGHTING MEASURES

Fire:

GENERAL HAZARD:

Solid material, may burn at or above the flashpoint, and airborne dust may explode if ignited.

Toxic gases will form upon combustion.

Static Discharge, material can accumulate static charges which can cause an incendiary electrical discharge.

FLAMMABLE LIMITS:

NOTE: Not Applicable

Flash Point:

649 deg F

NOTE: Estimated; Greater than

Auto Ignition Temperature:

NOTE: Not Applicable

Fire Fighting Instructions:

Use water spray to cool fire exposed surfaces, protect personnel, and extinguish the fire.

Respiratory and eye protection required for fire fighting personnel.

Hazardous Decomposition Byproducts:

UNDER FIRE CONDITIONS:

Oxygen lean conditions may produce carbon monoxide and irritating smoke.

Acetic acid

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Land Spill:

Recover spilled material and place in suitable containers for recycle or disposal.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water Spill:

Plastic pellets are defined by the US EPA under the Clean Water Act (40CFR122.26) as a "significant material" which requires any industrial plant that may expose pellets to storm water to secure a storm water permit, violations of the rule carry the same penalties as other Clean Water Act violations. Pellets found in storm water runoff are subject to EPA regulations with the potential for substantial fines and penalties. Skim from surface.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Recover spilled material and place in suitable containers for recycle or disposal.

SECTION 7 : HANDLING and STORAGE

Handling:

Keep container closed. Handle and open containers with care. Protect material from direct sunlight.

Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures.

Storage:

STORAGE TEMPERATURE: Deg F: Ambient

STORAGE/TRANSPORT PRESSURE: mmHg: Atmospheric

Store in a cool, well ventilated place away from incompatible materials. Do NOT handle or store near an open flame, heat or other sources of ignition.

ELECTROSTATIC ACCUMULATION HAZARD:

Yes, use proper bonding and/or grounding procedure.

LOADING/UNLOADING TEMPERATURE Deg F: Ambient

LOADING/UNLOADING VISCOSITY cSt: Solid

SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

EXPOSURE CONTROLS:

Local exhaust ventilation of process equipment may be needed to control particulate exposures to below the recommended exposure limit. See personal protection recommendations.

Personal Protective Equipment

Routine Handling:

Where contact may occur with hot material, wear thermal resistant gloves, arm protection, and a face shield.

Where contact is likely with open systems at ambient temperatures (-18 to 38 deg C, 0 to 100 deg F), wear safety glasses with side shields.

Exposure Limits:

WORKPLACE EXPOSURE GUIDELINES:

OSHA REGULATION 29CFR1910.1000 REQUIRES THE FOLLOWING PERMISSIBLE EXPOSURE LIMITS:

5 mg/m³ (respirable dust), and 15 mg/m³ (total dust) based on the OSHA PEL for nuisance dust.

The recommended permissible exposure levels indicated above reflect the levels revised by OSHA in 1989 or in subsequent regulatory activity. Although the 1989 levels have since been vacated by the 11th Circuit Court of Appeals, ExxonMobil Chemical Company recommends that the lower exposure levels be observed as reasonable worker protection.

THE ACGIH RECOMMENDS THE FOLLOWING THRESHOLD LIMIT VALUES: A TWA of 10 mg/m³ for inhalable particulate (total dust) and a TWA of 3 mg/m³ for respirable particulate (total dust) for Particulates Not Otherwise Classified (PNOC).

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:

mmHg at Deg F: Not available

Boiling Point:

Deg F: Not Applicable

Freezing Point:

Deg F: 210 to 240 (99 to 115 deg C)

Melting Point:

Deg F: 210 to 240 (99 to 115 deg C)

Solubility:

IN WATER, Wt. % at deg F: Insoluble

Specific Gravity:

0.91 - .96

OF VAPOR, at 1 atm (Air=1): Not Applicable

Evaporation Point:

n-Bu Acetate=1: Not Applicable

Viscosity:

OF LIQUID, cSt at deg F: Not Applicable

Flashpoint:

649 deg F

NOTE: Estimated; Greater than

Auto Ignition Temp:

NOTE: Not Applicable

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:

Stable

Conditions to Avoid:

Temperatures above 300 deg F (150 deg C) with Fluorine

CONDITIONS TO AVOID INSTABILITY: Not Applicable

Incompatibilities with Other Materials:

MATERIALS TO AVOID: Temperatures above 300 deg F (150 deg C) with Fluorine

Hazardous Polymerization:

Will not occur

CONDITIONS TO AVOID HAZARDOUS POLYMERIZATION: Not Applicable

Hazardous Decomposition Products:

Not Applicable

SECTION 11 : TOXICOLOGICAL INFORMATION

Toxicological Paragraph:

Please refer to Section 3 for available information on potential health effects.

SECTION 12 : ECOLOGICAL INFORMATION

Ecological Paragraph:

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:

Please refer to Sections 5, 6 and 15 for disposal and regulatory information.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Information:

This product is not DOT regulated.

SECTION 15 : REGULATORY INFORMATION

Applies to all ingredients:

TSCA 8(b): Inventory Status

This product is listed on the TSCA Inventory at CAS Registry Number 24937-78-8

Section 304:

CERCLA:

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

Section 312 Hazard Category:

SARA TITLE III:

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:

Not Hazardous.

Section 313 Toxic Release Form:

This product does not contain Section 313 Reportable Ingredients.

OSHA 29 CFR 1200:

This product is hazardous as defined in 29 CFR 1910.1200.

SECTION 16 : ADDITIONAL INFORMATION

HMIS:

Health Hazard: 1 = Slight

Fire Hazard: 1 = Slight

Reactivity: 0 = Minimal

NFPA:

Fire Hazard: 1 = Slight

Health: 1 = Slight

Reactivity: 0 = Minimal

Label Precautions:

SPECIAL PRECAUTIONS:

Should significant vapors/fumes be generated during thermal processing of this product, it is recommended that work stations be monitored for the presence of thermal degradation by-products, vinyl acetate and acetic acid which may evolve at elevated temperatures. It is recommended that the current ACGIH-TLVs for these materials be observed. Contact your ExxonMobil representative for further information.

MSDS Revision Date:

MAY 4, 2000

Supersedes: April 29, 2000

REVISION SUMMARY: Since April 29, 2000 this MSDS has been revised in Section (s): 5, 6

Disclaimer:

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

NOTES:

National Fire Protection Association standards NFPA 654 and 68 indicate possible explosion hazard of dust particles. Conform accordingly. Avoid accumulation of dust or dust clouds; operate handling and storage systems leak free, practice good housekeeping.

Keep from sources of ignition. Do not store near heat, flame, or strong oxidants. Assure proper electrical grounding of all handling equipment.

For more information see "Guide for Handling and Storage of ESCORENE Polyethylene Resins,"

Product may also contain varying levels of additives, such as slip and antiblocking agents, antioxidants, stabilizers, and corrosion inhibitors. Certain grades may contain Cristobalite, a form of crystalline silica, as an additive that is encapsulated in the polymer. Inhaled crystalline silica in an occupational environment has been classified as a Group 1 human carcinogen by the International Agency for Research on Cancer. However, the manufacturer has assessed the potential for release of silica to the air when this polymer is handled and has determined that silica encapsulated in this polymer is not expected to pose a health hazard when processed under normal conditions of use.

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REFERENCE NUMBER: HDHA-K-00303

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