

AMERICAN PLASTICS

800-772-7401

Material Safety Data Sheet

SUPPLIER NAME: AMERICAN PLASTICS (800)772-7401
525 113th STREET ARLINGTON, TX 76011

COMMERICAL PRODUCT NAME: LOW DENSITY POLYETHYLENE
Typical Uses: Sheet for Thermoforming

CHEMICAL CONSTITUTION OF PRODUCT: Polyethylene 100%

PHYSICAL PROPERTIES:

Boiling Point: N/A
Flash Point: F: N/A - C: IP 170/70
Relative Density: 15/4 C: 1.33
Vapor Pressure: mm Hg 20C: N/A
Viscosity at 100 F: Sus: N/A - At 40 C, CS: N/A
Viscosity at 210 F: Sus: N/A - At 100 C, CS: N/A
Solubility in Water: Nil
Melting Point: 110° C / 230° F
Form: Translucent Pellets
Appearance: Sheets
Color: White (Natural)
Odor: Mild

STORAGE AND HANDLING:

Precautions During Storage and Handling:

Avoid extreme heat and strong oxidizers. Store in a cool area. Good personal hygiene and safe work practices should always be followed when handling this product. For industrial use only. Not intended for use in or around a household or dwelling.

Hazardous Combustion and Decomposition Products:

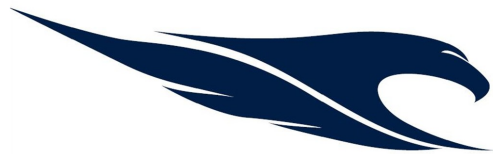
Carbon monoxide, aldehydes, acetic acid. Hazardous polymerization will not occur.

Disposal Procedures:

Shovel and dispose as normal refuse. Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the resource conservation and recovery act. Use of these methods is subject to use compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

Individual Preventive Measures:

Normal industrial eye protection practices should be employed. Gloves as required to handle hot materials. Approved dust respirators must be used for dusty conditions or if dust levels exceed established standards. No special requirements under ordinary conditions of use and with



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Low Density Polyethylene MSDS (Cont'd)

IGNITION AND EXPLOSION:

Flash Point:

F: N/A - C (IP 170/70)

Flammable Limits (LEL & UEL):

N/A

Special Fire, Explosion Hazard:

High dust levels may create potential for explosion. Exposure to fire can generate highly toxic fumes.

Extinguishing Media:

Carbon dioxide, foam, dry chemical and water fog.

Special Fire Fighting Instructions:

Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. For fires in enclosed areas, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.

NFPA Hazard ID:

Health: 1, Flammability: 0, Reactivity: 0

FIRST AID PROCEDURES:

Inhalation: Not expected to be a problem.

Skin contact: If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn. Wash contact areas with soap and water.

Eye Contact: Flush with water.

Ingestion: Not expected to be a problem when ingested. If uncomfortable seek medical assistance.

ENVIRONMENT PROTECTION:

To be disposed of in accordance with the appropriate legislation. (See "Disposal Procedures" under "STORAGE AND HANDLING" above.)

SPECIFIC DATA:

Transport: not regulated.