
RESIN - Polyethylene MATERIAL SAFETY DATA SHEET

This document covers the raw materials from which polyethylene film is manufactured and is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed.

1. INGREDIENTS:

Copolymer of ethylene

2. PHYSICAL DATA:

BOILING POINT: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

SOLUBILITY IN WATER: Nil

SPECIFIC GRAVITY: 0.91 - 0.97

APPEARANCE: Translucent white, solid pellets or granules.

ODOR: None.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 649°F

AUTO-IGNITION: 649°F

METHOD USED: Not applicable

FLAMMABLE LIMITS: LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Water fog, foam, alcohol foam, CO₂

FIRE & EXPLOSION HAZARDS: Dense smoke emitted when burned without sufficient oxygen.
Accumulation of fine dust particles could pose an explosion hazard.

FIRE-FIGHTING EQUIPMENT: Wear positive pressure, self-contained breathing apparatus in any closed space.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Temperatures over 572°F (300°C) will release combustible gases.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) None.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustible gases when exposed to

temperatures over 572°F (300°C)

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Sweep up and discard.

DISPOSAL METHOD: Bury in landfill or burn in an adequate incinerator in accordance with applicable local, state, and federal regulations.

6. HEALTH HAZARD DATA:

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action.

SKIN CONTACT: Essentially nonirritating to skin. Mechanical injury only.

SKIN ABSORPTION: A single prolonged skin exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INGESTION: May cause choking if swallowed. Single dose oral toxicity is believed to be very low. Considered physiologically inert.

INHALATION: Vapors are unlikely due to physical properties. Single exposure to dust is not likely to be hazardous.

SYSTEMIC & OTHER EFFECTS: No relevant information found.

7. FIRST AID:

EYES: Irrigate immediately with water for at least 5 minutes. Mechanical irritation only.

SKIN: Wash off in flowing water or shower.

INGESTION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INHALATION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): None established.

VENTILATION: Good general ventilation should be sufficient.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed.

EYE PROTECTION: Use safety glasses.

9. EMERGENCY TELEPHONE NUMBER: 800-424-9300.