

<b>Material Safety Data Sheet</b>	<b>Pierresearch 501 E. Main St. Arlington, TX 76010</b>	<b>Page 1 of 2  817-265-0980 v</b>
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Product Name: Polyethylene, HDPE, MDPE, LDPE, LLDPE

#### Section I - Product Identification

General or Generic ID: Thermoplastic Resin

DOT Hazard Classification: Not Applicable

#### Section II - Components

If present, IARC, NTP and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III Section 313 are identified in this section. See definition page for clarification.

Ingredient	% (by wt)	Pel	TLV	Note
Polyethylene				

#### Section III - Physical Data

Boiling Point Not Applicable

Vapor Pressure Not Applicable

Specific Vapor Density Not Applicable

Specific Gravity .900 - .960  
77 degrees F.  
25 degrees C.

Percent Volatiles Not Applicable

Evaporation Rate Not Applicable

#### Section IV - Fire and Explosion Information

Flash Point Not Applicable

Explosive Limit Not Applicable

Extinguishing Media: Regular foam or water fog or carbon dioxide or dry chemical

Hazardous Decomposition Products: May form toxic materials, carbon dioxide and carbon monoxide, etc.

Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode and full body protection when fighting fires.  
Water may be used to keep fire-exposre containers cool until fire is out.

Special Fire & Explosion Hazards: Dust may be an explosion hazard

#### Section V - Health Hazard Data

Permissible Exposure Level: Not established for product. See Section II.

Effects of acute overexposure:

This product as shipped (pelletized) should not present a health hazard during normal handling and processing as the glass and/or minerals and/or colorants and/or flame retardants and/or other additives are wetted by the particles which may be considered hazardous.

Eyes: May cause irritation.

Breathing: Of dust may cause discomfort or irritation to nasal and respiratory passages.

Swallowing: None currently known. Some gastrointestinal irritation and nausea may result.

First Aid

If on Skin: Should molten material strike the skin, flush with cold water; do not forcibly remove material adhering to the skin. Thoroughly wash exposed area with mineral oil, then flush with water. Get medical attention immediately.

If in Eyes: Flush with large amounts of water, lifting upper and lower lids occasionally.

If Swallowed: Immediately drink two glasses of water and induce vomiting by either giving Ipecac syrup or by placing finger at back of throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If Breathed: Remove individual to fresh air.

Primary Routes of Entry: Skin Contact

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#### **Section VI - Reactivity Data**

Hazardous Polymerization: Cannot occur.  
Stability: Stable  
Incompatibility: Avoid contact with: strong oxidizing agents

#### **Section VII - Spill or Leak Procedures**

Steps to be taken in case material is released or spilled.  
Small spill: Sweep up material for disposal or recovery.  
Large spill: Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.  
Waste Disposal Method:  
Small spill: Dispose of in accordance with all local, state and federal regulations.  
Large spill: Deposit in a landfill in accordance with local, state and federal regulations.

#### **Section VIII - Protective Equipment to be Used**

Respiratory protection: Not required under normal conditions of use.  
Ventilation: Not required under normal conditions of use.  
Protective gloves: Wear resistant gloves (consult your safety equipment supplier)  
Eye Protection: Wear safety glasses in compliance with OSHA regulations (consult your safety equipment supplier).  
Other Protective Equipment: Normal work clothing covering arms and legs.

#### **Section IX - Special Precautions or other comments**

Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.