


# Material Safety Data Sheet

## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: LINEAR LOW DENSITY POLYETHYLENE  
Formula:  $(C_2H_4)_n + (C_4H_8)_x$   
Chemical family: Polyolefin  
Product use: Various consumer products.

  
Bay State Polymer Distribution, Inc.  
27540 Detroit Road, Suite 102  
Westlake, Ohio 44145  
Phone: 800-277-7797 Fax: 440-892-8436

## SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	CAS #	% by weight
Ethylene-Butene Copolymer	25087-34-7	> 95
Modifiers/additives		< 5

*\*Compositions are typical values not specifications*

## SECTION 3 PHYSICAL/CHEMICAL PROPERTIES

Physical Form: Pellets/powders  
Color: Translucent white  
Odor: Odorless  
Molecular Weight: Not applicable  
Boiling Point: Not available  
Melting Point: 100 - 135°C (212 - 275°F)  
Freezing Point: Not applicable  
Solubility in Water: Negligible  
Specific Gravity: 0.85 - 1.05 (water = 1)  
% Volatile: Not applicable

The physical data presented above are typical values and should not be construed as a specification.

## SECTION 4 FIRE HAZARD DATA AND FIGHTING METHOD

Flash Point: Not applicable  
Autoignition Temp: Not established  
Flammable Limits In Air (LEL, %) (UEL, %): Not applicable  
Extinguishing Media: Dry chemical fire extinguishers, and CO<sub>2</sub> extinguishers, alcohol -type or universal type foam, water spray.  
Special Fire Fighting Procedure: In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Extinguish fires with water, foam or dry chemical.  
Unusual Fire and Explosion Hazards: Avoid accumulation and dispersion of dust to reduce explosion potential. Fire may produce irritating gases and dense smoke.