

# MATERIAL SAFETY DATA SHEET

## LDPE POLYETHYLENE

EFFECTIVE DATE	March 16, 1989
REVISED DATE	September 15, 2011
TRADE NAME	Low Density Polyethylene
CHEMICAL FAMILY	
CHEMICAL FORMULA	
<b>SECTION II - HAZARDOUS INGREDIENTS</b>	
HAZARDOUS COMPONENTS	All ingredients are considered Non-Hazardous
<b>SECTION III - PHYSICAL DATA</b>	
BOILING POINT (F)	N/A
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	
MELTING POINT	219 - 239° F
VAPOR PRESSURE (mmHg)	N/A
VAPOR DENSITY (Air=1)	N/A
SOLUBILITY IN H2O	N/A
APPEARANCE / ODOR	White to Opague translucent sheet, no odor
SPECIFIC GRAVITY (H2O=1)	0.910 - 0.925
ACIDITY	
<b>SECTION IV- FIRE AND EXPLOSION HAZARD DATA</b>	
FLASH POINT	N/A
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Water, foam dry chemical, CO2 Breathing apparatus
UNUSUAL FIRE HAZARD	None
<b>SECTION V- HEALTH HAZARD DATA</b>	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	
<b>SECTION VI - REACTIVITY DATA</b>	
CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	



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### SECTION VI - REACTIVITY DATA - CONTINUED

INCOMPATIBLE MATERIALS	Fluorine-oxegen mixtures that are >50% fluorine
DECOMPOSITION PRODUCTS	C, CO, Co2, H2O and Vapors

HAZARDOUS POLYMERIZATIONS	Will not occur
POLYMERIZATION AVOID	

### SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL	Restack
WASTE DISPOSAL METHOD	Dispose of in accordance with local regulations

### SPECIAL VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION	
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VENTILATION	Local exhaust vent
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PROTECTIVE GLOVES	Wear if material is hot or molten
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EYE PROTECTION	Safety glasses
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OTHER PROTECTIVE EQUIPMENT	
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HANDLING AND STORAGE	Keep away from heat sources such as an open flame
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### SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS	
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DOT SHIPPING NAME	
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REPORTABLE QUANTITY (RQ)	
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UN NUMBER NA#	
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NA#	
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PACKAGING SIZE	
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#### Notes:

All information recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. It is the user's responsibility to determine the Safety, Toxicity and suitability of his/her own use, handling and disposal request. Since actual use by others is beyond our control, no warranty, expresses or implied, is made by Polymer Plastics Company L.C. as to effects of such use. The results to be obtained or the safety and toxicity of the product, nor does Polymer Plastics Company L.C. assume any liability arising out of use by others of the product referred to herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any other process.

**REFERENCES:** N/A = Not Applicable, N/D = Not Determined, N.D.A. = No Date Available



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