

# MATERIAL SAFETY DATA SHEET

## HDPE POLYETHYLENE

EFFECTIVE DATE	July 1, 1988
REVISED DATE	September 15, 2011
TRADE NAME	High Density Polyethylene
CHEMICAL FAMILY	
CHEMICAL FORMULA	
<b>SECTION II - HAZARDOUS INGREDIENTS</b>	
HAZARDOUS COMPONENTS	None
<b>SECTION III - PHYSICAL DATA</b>	
BOILING POINT (F)	Non-Volatile
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	
MELTING POINT	Non-Volatile
VAPOR PRESSURE (mmHg)	Non-Volatile
VAPOR DENSITY (Air=1)	Non-Volatile
SOLUBILITY IN H2O	Insoluble
APPEARANCE / ODOR	Translucent and odorless
SPECIFIC GRAVITY (H2O=1)	0.941 - 0.965
ACIDITY	
<b>SECTION IV- FIRE AND EXPLOSION HAZARD DATA</b>	
FLASH POINT	340° C
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Carbon dioxide, foam, dry chemical, water spray
UNUSUAL FIRE HAZARD	
<b>SECTION V- HEALTH HAZARD DATA</b>	
HEALTH HAZARD	None
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**

Oxidizing agents and hydrocarbons

**DECOMPOSITION PRODUCTS**CO and CO<sub>2</sub>**HAZARDOUS POLYMERIZATIONS**

Will not occur

**POLYMERIZATION AVOID**

### SECTION VII - SPILL OR LEAK PROCEDURE

**FOR SPILL**

Sweep up

**WASTE DISPOSAL METHOD**

Dispose of per local, state and federal regulations

### SPECIAL VIII - SPRECIAL PTOTECTION

**RESPIRATORY PROTECTION****VENTILATION****PROTECTIVE GLOVES****EYE PROTECTION**

Safety glasses

**OTHER PROTECTIVE EQUIPMENT****HANDLING AND STORAGE**

### SECTION IX - SPECIAL PRECAUTIONS

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