

ULTEM

# MATERIAL SAFETY DATA SHEET

PAGE 1

EFFECTIVE DATE	October 1, 1981
REVISED DATE	September 13, 2011
TRADE NAME	Ultem
CHEMICAL FAMILY	Polyetherimide
CHEMICAL FORMUA	Polyetherimide and Chopped Glass Fiber
<b>SECTION II - HAZARDOUS INGREDIENTS</b>	
HAZARDOUS COMPONENTS	
<b>SECTION III - PHYSICAL DATA</b>	
BOILING POINT (F)	
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	Nil
MELTING POINT	
VAPOR PRESSURE (mmHg)	
VAPOR DENSITY (Air=1)	
SOLUBILITY IN H2O	Insoluble in water and most organic solvents
APPEARANCE / ODOR	Odorless,
SPECIFIC GRAVITY (H2O=1)	1.3 - 1.6
ACIDITY	
<b>SECTION IV- FIRE AND EXPLOSION HAZARD DATA</b>	
FLASH POINT	970° F
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Water, water fog, foam, CO2, Dry Chemical Fire fighters should use self-contained breathing apparatys and wear protective equipment
UNUSUAL FIRE HAZARD	
<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	Excessive temperatures (over 750° F) in air for several hours may result in decompositon



550 Mallory Way • Carson City, NV 89701  
 (775) 283-4400 • (800) 475-2214 • FAX (775) 283-4410  
[www.polymerplastics.com](http://www.polymerplastics.com)

ULTEM

# MATERIAL SAFETY DATA SHEET

PAGE 2

<b>SECTION VI - REACTIVITY DATA - CONTINUED</b>	
INCOMPATIBLE MATERIALS	Strong oxidizing acids or strong alkali
DECOMPOSITION PRODUCTS	CO2 and CO have been identified
HAZARDOUS POLYMERIZATIONS	
POLYMERIZATION AVOID	
<b>SECTION VII - SPILL OR LEAK PROCEDURE</b>	
FOR SPILL	Can be handle as normal solid waste
WASTE DISPOSAL METHOD	May be disposed in the same manner as other non-regulated waste in municipal landfills
<b>SPECIAL VIII - SPECIAL PROTECTION</b>	
RESPIRATORY PROTECTION	
VENTILATION	Local exhaust ventilation at processing equipment is recommended
PROTECTIVE GLOVES	Thermally insulated gloves
EYE PROTECTION	Use safety glasses
OTHER PROTECTIVE EQUIPMENT	
HANDLING AND STORAGE	
<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
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



550 Mallory Way • Carson City, NV 89701  
 (775) 283-4400 • (800) 475-2214 • FAX (775) 283-4410  
[www.polymerplastics.com](http://www.polymerplastics.com)