

# MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE	September 28, 1996
REVISED DATE	September 14, 2011
TRADE NAME	Delrin / Acetal
CHEMICAL FAMILY	
CHEMICAL FORMULA	Homopolymer, Polyoxymethylene, formaldehyde
<b>SECTION II - HAZARDOUS INGREDIENTS</b>	
HAZARDOUS COMPONENTS	
<b>SECTION III - PHYSICAL DATA</b>	
BOILING POINT (F)	
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	N/A
MELTING POINT	172 - 184° C
VAPOR PRESSURE (mmHg)	
VAPOR DENSITY (Air=1)	
SOLUBILITY IN H <sub>2</sub> O	Insoluble
APPEARANCE / ODOR	Brown with slight formaldehyde odor
SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.42
ACIDITY	
<b>SECTION IV- FIRE AND EXPLOSION HAZARD DATA</b>	
FLASH POINT	322° C (612° F)
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Water, carbon dioxide, foam or dry chemicals Protection from fumes of formaldehyde and hydrogen fluoride
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	Heating above 230° C



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<b>SECTION VI - REACTIVITY DATA - CONTINUED</b>	
INCOMPATIBLE MATERIALS	Strong acids and bases
DECOMPOSITION PRODUCTS	Formaldehyde
HAZARDOUS POLYMERIZATIONS	Will not occur
POLYMERIZATION AVOID	
<b>SECTION VII - SPILL OR LEAK PROCEDURE</b>	
FOR SPILL	Sweep or shovel up
WASTE DISPOSAL METHOD	Incineration or landfill in compliance with federal, state and local regulations
<b>SPECIAL VIII - SPECIAL PROTECTION</b>	
RESPIRATORY PROTECTION	
VENTILATION	Local exhaust
PROTECTIVE GLOVES	Wear gloves when handling hot material
EYE PROTECTION	Safety glasses
OTHER PROTECTIVE EQUIPMENT	Long sleeve cotton shirt and long pants
HANDLING AND STORAGE	Dry 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



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