

MATERIAL SAFETY DATA SHEET

DELRIN-ACETAL

EFFECTIVE DATE	September 28, 1996
REVISED DATE	September 14, 2011
TRADE NAME	Delrin / Acetal
CHEMICAL FAMILY	
CHEMICAL FORMUA	Homopolymer, Polyoxymethylene, formaldehyde
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	N/A
MELTING POINT	172 - 184° C
VAPOR PRESSURE (mmHg)	
VAPOR DENSITY (Air=1)	
SOLUBILITY IN H2O	Insoluble
APPEARANCE / ODOR	Brown with slight hormaldehyde odor
SPECIFIC GRAVITY (H20=1)	1.42
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
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 formadelhyde and hydrogen fluride
UNUSUAL FIRE HAZARD	
SECTION V- HEALTH HAZARD DATA	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Heating above 230° C



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SECTION VI - REACTIVITY DATA - CONTINUED

INCOMPATIBLE MATERIALS

Strong acids and bases

DECOMPOSITION PRODUCTS

Formaldehyde

HAZARDOUS POLYMERIZATIONS

Will not occur

POLYMERIZATION AVOID

SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL

Sweep or shovel up

WASTE DISPOSAL METHOD

Incineration or landfill in compliance with federal, state and local regulations

SPECIAL VIII - SPECIAL PROTECTION

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

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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