

MATERIAL SAFETY DATA SHEET

PVDF

EFFECTIVE DATE	January 19, 1993
REVISED DATE	April 15, 2011
TRADE NAME	Kynar
CHEMICAL FAMILY	Fluorinated Polymer
CHEMICAL FORMUA	Polyvinylidene Fluoride
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	N/A
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	N/A
MELTING POINT	166-170°C
VAPOR PRESSURE (mmHg)	N/A
VAPOR DENSITY (Air=1)	N/A
SOLUBILITY IN H2O	Negligible
APPEARANCE / ODOR	Clear and odorless
SPECIFIC GRAVITY (H2O=1)	1.78
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	None
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Does not support combustion Wear full protective clothing and NIOSH/MSHA approved self-contained breathing apparatus with full facepiece and operated in the positive pressure mode
UNUSUAL FIRE HAZARD	Thermal decomposition generates both toxic and corrosive flourinated by-products
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 300°C



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SECTION VI - REACTIVITY DATA - CONTINUED	
INCOMPATIBLE MATERIALS	Strong bases and alkali
DECOMPOSITION PRODUCTS	HF and possible oxides of carbon
HAZARDOUS POLYMERIZATIONS	Does not occur
POLYMERIZATION AVOID	
SECTION VII - SPILL OR LEAK PROCEDURE	
FOR SPILL	Sweep up and avoid the generation of dust in the area
WASTE DISPOSAL METHOD	Dispose of as solid waste
SPECIAL VIII - SPECIAL PROTECTION	
RESPIRATORY PROTECTION	NIOSH approved respirator for mists and fumes appropriate to the airborne concentration may be worn
VENTILATION	Provide local exhaust ventilation where heat can cause polymer breakdown
PROTECTIVE GLOVES	Wear clean body covering and gloves impervious to dust and vapor to minimize skin contact
EYE PROTECTION	Safety glasses with side shields are recommended for any type of handling
OTHER PROTECTIVE EQUIPMENT	
HANDLING AND STORAGE	Keep dry and away from strong bases and alkali
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, expressed 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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