

# MATERIAL SAFETY DATA SHEET

## TEFLON-FEP

EFFECTIVE DATE	March 13, 1996
REVISED DATE	April 14, 2011
TRADE NAME	Teflon
CHEMICAL FAMILY	FEP
CHEMICAL FORMUA	Tetrafluoroethylene-Hexafluoropropylene Copolymer
<b>SECTION II - HAZARDOUS INGREDIENTS</b>	
HAZARDOUS COMPONENTS	
<b>SECTION III - PHYSICAL DATA</b>	
BOILING POINT (F)	
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	
MELTING POINT	257 - 263°C or 495-505°F
VAPOR PRESSURE (mmHg)	
VAPOR DENSITY (Air=1)	
SOLUBILITY IN H2O	Insoluble
APPEARANCE / ODOR	Solid, white transparent and odorless
SPECIFIC GRAVITY (H2O=1)	2.1-2.2
ACIDITY	
<b>SECTION IV- FIRE AND EXPLOSION HAZARD DATA</b>	
FLASH POINT	530 - 550°C or 986 - 1022°F
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Water, foam, dry chemical, CO2 Wear self-contained breathing apparatus and full 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	



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<b>SECTION VI - REACTIVITY DATA - CONTINUED</b>	
INCOMPATIBLE MATERIALS	Can react with finely divided metal powders, potent oxidizers and related compounds
DECOMPOSITION PRODUCTS	Heating above 275°C or 527°F may cause evolution of particulate matter which can cause polymer fume fever
HAZARDOUS POLYMERIZATIONS	
POLYMERIZATION AVOID	
<b>SECTION VII - SPILL OR LEAK PROCEDURE</b>	
FOR SPILL	Shovel or sweep up
WASTE DISPOSAL METHOD	Recycling (preferred), landfill and incineration
<b>SPECIAL VIII - SPECIAL PROTECTION</b>	
RESPIRATORY PROTECTION	A respirator is not required if local exhaust ventilation is adequate
VENTILATION	Use local exhaust to completely remove vapors and fumes liberated during hot processing from the work area
PROTECTIVE GLOVES	
EYE PROTECTION	Wear safety glasses
OTHER PROTECTIVE EQUIPMENT	
HANDLING AND STORAGE	Do not use a torch to clean this materials from equipment without local exhaust ventilation & respirator
<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, express 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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