

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE	September 9, 1996
REVISED DATE	April 14, 2011
TRADE NAME	Teflon
CHEMICAL FAMILY	PTFE
CHEMICAL FORMULA	Polytetrafluoroethylene
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	N/A
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	N/A
MELTING POINT	
VAPOR PRESSURE (mmHg)	N/A
VAPOR DENSITY (Air=1)	N/A
SOLUBILITY IN H ₂ O	Insoluble
APPEARANCE / ODOR	White and odorless
SPECIFIC GRAVITY (H ₂ O=1)	2.18
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	N/A
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Carbon Dioxide, Dry Chemical or Water Self-contained apparatus to protect against decomposition products above 500°F
UNUSUAL FIRE HAZARD	PTFE will burn when ignited in 100% oxygen
SECTION V- HEALTH HAZARD DATA	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	Excessive fume inhalation has caused temporary symptoms similar to Grippe
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Temperatures above 500°F without adequate ventilation



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SECTION VI - REACTIVITY DATA - CONTINUED	
INCOMPATIBLE MATERIALS	Molten Alkali Metals, Interhalogen Compounds
DECOMPOSITION PRODUCTS	
HAZARDOUS POLYMERIZATIONS	Will not occur
POLYMERIZATION AVOID	
SECTION VII - SPILL OR LEAK PROCEDURE	
FOR SPILL	Sweep up and place in container
WASTE DISPOSAL METHOD	Reclaim Product. Landfill
SPECIAL VIII - SPECIAL PROTECTION	
RESPIRATORY PROTECTION	Not required
VENTILATION	Local Exhaust when heated above 500°F
PROTECTIVE GLOVES	
EYE PROTECTION	
OTHER PROTECTIVE EQUIPMENT	
HANDLING AND STORAGE	Normal handling for plastics
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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