



an EnPro Industries company

Material Safety Data Sheet Teflon (PTFE)

SECTION 1: Identification of the Substance/mixture and of the Company/Undertaking

Trade Name:	Teflon
Chemical Family:	PTFE
Chemical Formula:	Polytetrafluoroethylene

SECTION 2: 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 H2O	Insoluble
APPEARANCE / ODOR	White and odorless
SPECIFIC GRAVITY (H2O=1)	2.18
ACIDITY	

SECTION 3: 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 4: Health Hazard Info

HEALTH HAZARD	
THRESHOLD LIMIT VALUE	
OVER EXPOSURE EFFECTS	Excessive fume inhalation has caused temporary symptoms similar to Grippe

SECTION 5: Reactivity Data

CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Temperatures above 500°F without adequate ventilation
INCOMPATIBLE MATERIALS	Molten Alkali Metals, Interhalogen Compounds
DECOMPOSITION PRODUCTS	
HAZARDOUS POLYMERIZATIONS	Will not occur
POLYMERIZATION AVOID	



SECTION 6: Spill Or Leak Procedure

FOR SPILL	Sweep up and place in container
WASTE DISPOSAL METHOD	Reclaim Product. Landfill

SECTION 7: 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 8: Special Precautions

HAZARD CLASS
DOT SHIPPING NAME
REPORTABLE QUANTITY (RQ)
UN NUMBER NA#
NA#
PACKAGING SIZE