

E.I. DUPONT DE NEMOURS AND COMPANY -- MIL-T-27730 -- 8030-00-889-3535

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Product Identification
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Product ID:MIL-T-27730

MSDS Date:01/01/1985

FSC:8030

NIIN:00-889-3535

MSDS Number: BFTXV

=== Responsible Party ===

Company Name:E.I. DUPONT DE NEMOURS AND COMPANY

Emergency Phone Num:302-774-2421

CAGE:19898

=== Contractor Identification ===

Company Name:DU PONT E I DE NEMOURS CO DEPT ELECTRONI

C PROD DIV

Address:BUFFALO AVE

Box:City:NIAGARA FALLS

State:NY

ZIP:14302

Country:US

Phone:302-892-1227 ?

CAGE:50961

Company Name:E.I. DUPONT DE NEMOURS & CO., INC.

Box:1635

CAGE:19898

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Composition/Information on Ingredients
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Ingred Name:POLYTETRAFLUOROETHYLENE

RTECS #:TR7740000

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Hazards Identification
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Effects of Overexposure:TFE POLYMER WHEN THERMALLY DECOMP MAY CAUSE
POLYMER FUME FEVER AND FLU-LIKE SYMPTOMS

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First Aid Measures
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First Aid:INHALATION-GET FRESH AIR. REFER TO DOCTOR FOR TREATMENT.

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Fire Fighting Measures
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Flash Point:NA

Extinguishing Media:WATER OR CO*2 OR DRYCHEM EXTIN APPRO TO FIRE
IGNITION SOURCE

Fire Fighting Procedures:TEFLON RESISTS IGNITION DECOMP PRODS WILL BURN
ABOVE 690DEGC

Unusual Fire/Explosion Hazard:BURNS ATMOS>95% OXYGEN WHEN IGNITION
SOURCES ARE PRESENT

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== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP TO PREVENT SLIPPING HAZARD.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID CONTAMINATION

Other Precautions:WHEN TEMP ABOVE 250C,TEFLON CAN EVOLVE TOXIC GASEOUS MATERIALS.CARE SHOULD BE TAKEN NOT TO CONTAMINATE TOBACCO AND OTHER SMOKING UTENSILS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:ADEQ

UATE VENT IN CONFINED AREAS.USE BUREAU OF MINES APPROVED MASKS.

Ventilation:AVOID CONTAM TOBACCO WITH RESIN OR MACHINING WASTE

Protective Gloves:FOR HOT POLYMER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NA

Supplemental Safety and Health

SEC.IV-INTENSE FIRE,USE PROTECTION FROM HYDROGEN FLUORIDE AND CONBUSTION FUMES. SEC.VI-ON FLUOROCARBON RESINS-SAFETY AND HANDLING.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NA

Vap

or Pres:NA

Vapor Density:NA

Spec Gravity:2.15

Evaporation Rate & Reference:NIL

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE ODORLESS GRANULATED POWDER

Percent Volatiles by Volume:NIL

===== Stability and Reactivity Data =====

MOLTEN ALKALI METALS PERFLUOROCARBON OLEFINS.

Stability Condition to Avoid:TEMPS ABOVE 250C WITHOUT VENT.REFER TO DUPONT BULLETIN: TEFL

Hazardous Decomposition Products:ABOVE 250C-HYDROFLUORIC ACID GAS,PERFLUOROCARBON OLEFIN

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===== Disposal Considerations =====

Waste Disposal Methods:1.LANDFILL 2.COMPLETE COMB AND REMOVAL OF GASEOUS PRODUCTS BY ALKALINE SCRUBBING.DISPOSAL METHODS MUST BE LOCAL,STATE AND FEDERAL REGS.

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