

EI DUPONT DE NEMOURS & CO INC -- TEFLON PREMIXED ONE COAT ENAMEL-GREEN, 851-204 --  
8010-00-828-4939

===== Product Identification =====

Product ID:TEFLON PREMIXED ONE COAT ENAMEL-GREEN, 851-204

MSDS Date:06/17/1997

FSC:8010

NIIN:00-828-4939

Status Code:A

MSDS Number: CHVNF

=== Responsible Party ===

Company Name:EI DUPONT DE NEMOURS & CO INC

Address:1007 MARKET ST

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Info Phone Num:800-441-7515

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:EO716

=== Contractor Identification ===

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

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515;800-441-9442

CAGE:18873

Company Name:EI DUPONT DE NEMOURS CO/AUTOMOTIVE PRODS

Address:1007 MARKET ST

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:(800) 441-7515

CAGE:EO716

===== Composition/Information on Ingredients

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Ingred Name:ETHYLENE, TETRAFLUORO-, POLYMERS; (POLYTETRAFLUOROTHYLENE)  
CAS:116-14-3  
RTECS #:KX4025000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:CHROMIUM (VI) OXIDE) (1:3); (CHROMIC ACID)  
CAS:1333-82-0  
RTECS #:GB6650000  
Fraction by Wt: 5%  
OSHA PEL:0.5 MG CR/M3  
ACGIH TLV:0.05 MG CR/M3

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)  
CAS:7664-38-2  
RTECS #:TB6300000  
Fraction by Wt: 5%  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WAT  
ER  
CAS:7732-18-5  
RTECS #:ZC0110000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:CHROMIUM (III) OXIDE (2:3); (CHROMIUM OXIDE)  
CAS:1308-38-9  
RTECS #:GB6475000  
Fraction by Wt: 5%  
OSHA PEL:N/K  
ACGIH TLV:0.5 MG/M3 TWA AS CR

Ingred Name:POLYTETRAFLUOROETHYLENE  
CAS:116-14-3  
RTECS #:KX4025000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:VOLATILE ORGANIC COMPOUND (THEORETICAL): 0.6  
RTECS #:9999999VO  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:SUP DAT: POTENTIAL CHRONIC EFTS. SMOKERS SHOOULD AVOID  
CONTAM OF

TOBACCO PRODS, & SHOULD WASH HANDS BEFORE SMKNG. (ING )  
RTECS #:9999999ZZ

Inged Name:ING 8: SIGNIFICANT SKIN PERMEATION AFTER CONT UNLIKELY.  
CHROMATIC ACID OVEREXP CAUSES SEV IRRIT TO EYES & MAY (ING 10)  
RTECS #:9999999ZZ

Inged Name:ING 9: CAUSE BLINDNESS. MAY CAUSE DEEP, PAINFUL PENETRATING  
ULCERS ON SKIN. MAY CAUSE SEV IRRIT OF RESP TRACT, (ING 11)  
RTECS #:9999999ZZ

Inged Name:ING 10: & NASAL SEPTUM & POSS PERFORMATION. PRLNG/RPTD EYE  
CONT MAY CAUSE CONJ. CAN BE ABSORBED THR  
U SKIN IN (ING 12)  
RTECS #:9999999ZZ

Inged Name:ING 11: HARMFUL AMTS LEADING TO KIDNEY FAILURE & DEATH.  
DEATH HAS BEEN AVOIDED IN SEVERAL CASES THRU EARLY RENAL(ING 13)  
RTECS #:9999999ZZ

Inged Name:ING 12: DIALYSIS. IMPLANTATION STUDIES HAVE PRDCED LUNG  
CANCERS IN LAB ANIMALS. HAS BEEN TOX TO FETUS IN LAB (ING 14)  
RTECS #:9999999ZZ

Inged Name:ING 13: NAIMALS AT DOES THAT ARE TOX TO MOTHER. PRLNG SKIN  
CONT MAY CAUSE CHEM BURNS. LIQ SPLASHES IN EYE MAY (ING 15)  
RTECS #:9999999ZZ

Inged Name:ING 14: RESULT IN CHEMICAL BURNS.  
RTECS #:9999999ZZ

Inged Name:OTHER PREC: BE GIVEN TO EXHST VENT. EXPLO RXN MAY OCCUR >  
600F W/FINELY DIVIDED FLUOROCARBON & METAL POWDER (ING 17)  
RTECS #:9999999ZZ

Inged Name:ING 16: (ALUMINUM/MAGNESIUM). OPERATIONS SUCH AS GRINDING,  
BUFFING/BLASTING MAY GENERATE SUCH MIXTURES. AVOID (ING 18)  
RTECS #:9999999ZZ

Inged Name:ING 17: ANY DUST BUILD UP WITH FLUOROCARBONS AND METAL  
MIXTURES.  
RTECS #:9999999ZZ

===== Hazar

ds Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHAL: MAY CAUSE NOSE & THROAT IRRIT, NERV SYS DEPRESS W/HDCH, DIZZ NAUS, STAG GAIT, CONFUSION, UNCON. RPTS HAVE ASSOC RPTD & PRLNG OVEREXP TO SOLVS W/PERM BRAIN & NERV SYS DMG. EYE: MAY CAUSE IRRIT/BURNING. SKIN: RPTD/PRLNG LIQ CONT MAY

CAUSE IRRIT W/DISCOMFORT & DERM. INHAL OF FUMES FROM (EFTS OF OVEREXP)

Explanation of Carcinogenicity:CHROMIUM (III) OXIDE (2:3): NTP 7TH ANNUAL RPT ON CARCINS, 1994: KNOWN TO BE CARCIN. CHROMIUM (VI) OXIDE (1:3):(SUP DAT)

Effects of Overexposure:HLTH HAZ: OVERHEATING PFTE MAY CAUSE POLYMER FUME FEVER, A TEMPORARY FLU-LIKE ILLNESS W/FEVER, CHILLS & SOMETIMES COUGH, OF APPROX 24 HRS DURATION. THERE ARE SOME RPTS IN LITERATURE OF PERSISTENT PULM EFTS IN PERS, ESP SMOKERS, WHO HAVE HAD EPISODES OF POLYMER FUME FEVER. BECAUSE OF COMPLICATING FACTORS SUCH (SUP DAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING DIFFICULTY PERSISTS OR OCCURS LATER, CONSULT MD. EYES: IMMEDIATELY FLUSH WITH PL ENTY OF WATER FOR AT LEAST 15 MINUTES . CALL MD. SKIN: WASH WITH SOAP AND WATER. INGESTION: CALL MD IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:100F,38C

Lower Limits:0%

Upper Limits:0%

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . WATER FROM FOG NOZZLES MAY BE USED TO PREVENT PRESSURE BUILD-UP.

Unusual Fire/Explosion Hazard:WHEN HEATED > FL PT, EMITS FLAM VAPS

WHICH, WHEN MIXED W/AIR, CAN BURN/BE EXPLO. FINE MIST/SPRAYS MAY BE FLAM AT TEMPS < FL PT. HYDROGEN FLUORIDE RELEASED.

===== Accidental Release Measures =====

Spill Release Procedures: VENTILATE AREA. REMOVE SOURCES OF IGNITION. PREVENT SKIN CONTACT AND BREATHING OF VAPOR. CONFINE AND REMOVE WITH INERT ABSORBENT.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage  
Precautions: CAUTION: DO NOT USE IN MEDICAL APPLICATIONS INVOLVING PERM/TEMPORARY IMPLANTATION IN HUMAN BODY. FOR FURTHER INFO, SEE "DUPONT MED CAUTION STATEMENT".  
Other Precautions: DO NOT EXCEED REC BAKING TEMPS. BAKING OVEN MUST BE PROPERLY VENTD. AT TEMPS > 400C (750F) SML AMTS OF HYDROGEN FLUORIDE CAN BE EVOLVED. AMTS INCR AS TEMPS INCR. SOME VEGETATION IS SENSITIVE TO DMG BY HYDROGEN FLUORIDE & ATTN MUST (ING 16)

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

Respiratory Protection: DO NOT BREATHE VAPORS/MISTS. WEAR PROPERLY FITTED VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH (TC-23C) FOR USE W/PAINTS DURING APPLICATION & UNTIL ALL VAPORS & SPRAY MISTS ARE EXHAUSTED. FOLLOW RES P MFR'S DIRECTIONS FOR RESP USE.  
Ventilation: SUFFICIENT VENT IN VOL & PATTERN TO KEEP CONTAMINANTS BELOW APPLIC OSHA REQS & OTHER SUGGESTED EXPOS LIMITS.  
Protective Gloves: NEOPRENE GLOVES.  
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES .  
Other Protective Equipment: EMERGENCY EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . COVERALLS.  
Work Hygienic Practices: DO NOT USE PROTECTIVE CREAMS FOR PROTECTION; MAY BE USED FOR EASE OF CLEAN UP.  
Supplemental Safety and Health  
EXPLAN OF CARCIN: IARC MONO ON EVAL OF CARCIN RISK OF CHEMS TO MAN, VOL 49, PG 49, 1990: GROUP 1. NTP 7TH ANNUAL RPT ON CARCINS, 1994: KNOWN TO BE CARCIN. HUMAN: LUNG TUMORS. EFTS OF OVEREXP: AS MIXED EXPOS & SMKNG HISTORY, THESE FINDINGS ARE UNCERT

AIN. PROT AGAINST

ACUTE EXPOS SHOULD ALSO INCL PROT AGAINST ANY (ING 8)

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

Boiling Pt:B.P. Text:>212F,>100C

Vapor Density:HVR/AIR

Spec Gravity:1.32

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NOT SOLUBLE

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:70.0

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

Stability Indicator/Materials to Avoid:YE

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NONE REASONABLY FORESEEABLE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
SMOKE, OXIDES OF HEAVY METALS. HYDROGEN FLUORIDE.

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

Waste Disposal Methods:DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND  
WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE WITH  
FEDERAL, STATE AND LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED  
CONTAINER

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