

DUPONT E I DE NEMOURS & CO, INC, POLYMER PRODUCTS -- KRYTOX 240 SERIES FLUORINATED GREASE- NEW -- 9150-01-088-0498

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

Product ID:KRYTOX 240 SERIES FLUORINATED GREASE- NEW

MSDS Date:05/05/1995

FSC:9150

NIIN:01-088-0498

MSDS Number: BZNR

==== Responsible Party ===

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

Address:1007 N MARKET ST

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Info Phone Num:800-441-7515/800-523-0372

Emergency Phone Num:800-441-3637/CHEMTREC 800-424-9300

Preparer's Name:MSDS COORDINATOR

CAGE:9V583

==== Contractor Identification ===

Company Name:DUPONT E I DE NEMOURS AND CO INC, POLYMER PRODUCT-TEFLON CO.

Address:1007 MARKET ST

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-523-0372/346-4748

CAGE:9V583

=====
Composition/Information on Ingredients
=====

Ingred Name:PERFLUOROALKYLETHER

CA

S:60164-51-4

Fraction by Wt: 73-82%

Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYTETRAFLUOROETHYLENE; (PTFE)

CAS:116-14-3

RTECS #:KX4025000

Fraction by Wt: 18-27%

Other REC Limits:NONE RECOMMENDED

=====
Hazards Identification
=====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:SKIN:MAY CAUSE IRRIT
W/DISCOMF

ORT/RASH.PROLONG CONTACT MAY CAUSE REDNESS/INFLAMM OF HAIR FOLLICLES W/O SKIN SENS.EYE:MAY CAUSE IRRIT W/DISCOMFORT,TEAR,BLURRING OF VISION.INHAL:FLUORINE CMPDS RELEASED AS DECOMPO PROD >290C MAY CAUSE LUNG IRRIT/PULM EDEMA WHICH REQUIRE MED TREATMENT.INHAL:FUMES/SMOKE FRM OVERHEAT/(SUPPL)

Explanation of Carcinogenicity:PER MSDS:NONE OF COMPONENTS PRESENT IN MATL @CONCE EQUAL TO GREATER THAN 0.1% ARE LISTED BY IARC/NTP/OSHA/ACGIH AS CARCI

Effects of Overexposure:SKIN IRRIT W/DISCOMFORT/RASH.

REDNESS,INFLAMMATION OF HAIR FOLLICLES W/O SENSITIZATION. EYE IRRIT W/DISCOMFORT, TEARING, BLURRING OF VISION. LUNG IRRITATION, PULMONARY EDEMA, FUME FEVER, FEVER, CHILLS , COUGH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.DIFFI BREATH GIVE OXY.CALL DR.SKIN:FLUSH W/WATER AFT CONTACT.EYE:IN CASE OF CO NTACT IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS.CALL DR.INGEST:DO NOT INDUCE VOMIT.IMMED GIVE 2 GLASSES OF WATER.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC.CALL DR.NOTE TO DR:ACTIVATD CHARCOAL MIXTURE MAY BE ADMIN(SUSPEND 50G IN 400ML,MIX WELL.)ADMIN 5ML/KG OR 350ML.

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

Flash Point Method:PMCC

Flash Point:DOES NOT IGNITE

Extinguishing Media:AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

Fire Fighting Procedures:WEA

R SELF-CONTAINED BREATHING APPARATUS. WEAR

FULL PROTECTIVE EQUIPMENT. DECOMPO @FLAME TEMPS MAY FORM TOXIC FLUORINE CMPDS. AVOID BREATH DECOMPO PRODUCTS.

Unusual Fire/Explosion Hazard:NON-COMBUSTIBLE.

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

Spill Release Procedures:REVIEW FIRE FIGHTING MEASURES & HNDLG (PERSONNEL) SECTIONS BEFORE PROCEEDING W/CLEAN-UP. USE APPROPRIATE PERSONAL PROTECTIVE EQPMT DURING CLEAN-UP. PLACE IN CONTAINER FOR DISPOSAL. REMO

VE SOURCE OF HE AT/FLAME.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CONTACT W/EYES.AVOID CONTACT W/SKIN.DO NOT STORE/CONSUME FOOD/DRINK/TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED W/MATERIAL.

Other Precautions:KEEP CONTAINER TIGHTLY CLOSED.KEEP AWAY FROM HEAT/FLAMES TO AVOID DECOMPOSITION PRODUCT.

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

Respiratory

Protection:WHERE THERE'S POTENTIAL FOR EXPOSURE TO DECOMPOSITION PRODUCTS DUE TO HEATING OR ELEVATED TEMPERATURES WEAR NIOSH/MSHA APPROVED RESPIRATORY PROTECTION AS APPROPRIATE.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES, COVERALL CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WHERE THERE'S POTENTIAL FOR SKIN CONTACT HAVE AVAILABLE & WEAR AS APPROPRIATE IMPERVIOUS GLOVES,APRON,PANTS,JACKETS.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

HEALTH HAZARD:POLYMER FUME FEVER,MAY CAUSE POLYMER FUME FEVER,TEMPERATURE FLU-LIKE ILLNESS WITH FEVER,CHILLS,COUGH,OF 24 HOURS DURATION.REPEATED POLYMER FUME FEVER EPISODES MAY CAUSE LUNG DAMAGE.PERFLUOROALKYLETHERS:MILD EYE IRRITATION.INHALATION NON-SPECIFIC EFFECTS(RESPIRATORY IRRITATION).LUNG IRRITATION.LONG-TERM INGESTION EXPOSURE CAUSED ALTERED WHITE BLOOD CELL COUNT.

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

HCC:V6

Melt/Freeze Point:M.P/F

Text:608F,320C

Specific Gravity:1.89-1.93 @24C

pH:NEUTRAL

Solubility in Water:NEGLECTIBLE.

Appearance and Odor:SOLID, WAXY GREASE, ODORLESS, WHITE COLOR.

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

Stability Indicator/Materials to Avoid:YES

NONE REASONABLY FORESEEABLE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:HEAT >260-290C MAY FORM POTENTIALLY TOXIC

FLUORINE COMPOUNDS.DECOMPOSITION OCCURS AT INCREASING RATES AS TEMPERATURE IS RAISED >355C.

Condition

ns to Avoid Polymerization:DEPOLYMERIZATION MAY OCCUR IN
PRESENCE OF SOME METAL OXIDES @TEMPS >288C.

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

Waste Disposal Methods:TREATMENT/STORAGE/TRANSP/DISPO MUST BE IN
ACCORDANCE W/APPLICABLE FED/STAT/PROVINCIAL/LOC REGS. DO NOT FLUSH
TO SURFACE WATER OR SANITARY SEWER SYS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department

o
f Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.