

DEFT INC -- CAT, MIL-C-46168D, A/C GRN, PC 03 GN 236 CA -- 8010-01-316-2220

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

Product ID:CAT, MIL-C-46168D, A/C GRN, PC 03 GN 236 CA

MSDS Date:02/21/1991

FSC:8010

NIIN:01-316-2220

Kit Part:Y

MSDS Number: BNPYP

=== Responsible Party ===

Company Name:DEFT INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Info Phone Num:714-474-0400

Emer

gency Phone Num:800-424-9300

CAGE:33458

=== Contractor Identification ===

Company Name:DEFT INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Phone:800 424-9300

CAGE:33458

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

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

Ingred Name:ALIPHATIC ISOCYANATE

CAS:28182-81-2

RTECS #:NQ9170000

Fraction by Wt: 80%

Other REC Limit

s:NONE SPECIFIED

Ingred Name:HEXAMETHYLENE DIISOCYANATE (HDI)FREE MONOMER CONTENT LESS THAN 0.7% BASED ON RESIN SOLIDS AT TIME OF MANUFACTURE.**

CAS:822-06-0

RTECS #:MO1740000

Other REC Limits:NONE SPECIFIED

ACGIH TLV:0.005 PPM/0.02 CEIL

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:**HOWEVER, AFTER 3-6 MONTHS STORAGE, THE FREE MONOMER CONTENT MAY RISE TO A MAXIMUM OF 1.6%.

CAS:822-06-0

Other REC Limits:NONE SPECIFIED

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:C8 & 10 AROMATIC HYDR
OCARBON (VP 3 MM HG)

CAS:64742-95-6

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

Ingred Name:N-BUTYL ACETATE (SARA III) (VP 8.4 MM HG)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200 STEL

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:VOC 222 G/L

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Inges

tion: YES

Health Hazards Acute and Chronic: AS A RESULT OF PREVIOUS REPEATED OVEREXPOS/SINGLE LARGE DOSE, CERTAIN INDIVIDUALS WILL DEVELOP ISOCYANATE SENSITIZATION WHICH CAUSES THEM TO REACT TO A LATER EXPOS OF ISOCYANATE LEVELS WELL BELOW THE T LV VALUE OF ISOCYANATES. CAN RESULT IN IRRIT/POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE/DIGESTIVE TRACT.

Effects of Overexposure: INHALED; IRRIT OF RESPIRATORY TRACT/ACUTE NERVOUS SYSTEM DEPRESSION, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS/COMA. SKIN; IRRIT, SWELLING, REDNESS, RASH. EYES; IRRIT, TEARING, REDNESS, SWELLING, STINGING, DRYING, DEFATTING. INGESTION; VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT, RESULTING IN CHEMICAL PNEUMONITIS.

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

Flash Point Method: TCC

Flash Point: 76.0F, 24.4C

Lower Limits: 1%

Extinguishing Media: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures: FULL FIGHTING EQUIP W/SCBA/FULL PROT

CLOTHING. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AUTO IGNIT. HDI VAPORS MAY BE GENERATED.

Unusual Fire/Explosion Hazard: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELEC EQUIP/OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE IN HIGH HEAT. DECOMPOSITION MAY CAUSE HEALTH HAZARD

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

Handling and Storage Precautions: STORE IN BLDG TO COMPLY W/OSHA. AVOID STORING NEAR HIGH T

EMPS, FIRE, OPEN FLAMES, SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS IN WELL VENTILATED AREA

Other Precautions: KEEP CONTAINERS UPRIGHT. PREVENT PROLONGED BREATHING OF VAPORS/SPRAY MISTS. MAY CAUSE ALLERGIC REACTION. AVOID CONTACT WITH SKIN/EYES. DO NOT TAKE INTERNALLY. DO NOT HANDLE UNTIL THE SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

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

Respiratory Protection: RSPRTR USED IN AN ORGANIC VAPOR ENVIRONMENT. VENT

SHOULD BE PROVIDED TO KEEP EXPOS LEVELS BELOW PERMISSIBLE LEVEL.A
VAPOR PARTICULATE FULL FACE RSPRTR MAY BE APPROPRIATE WHERE AIR
MONITORING LEVELS TEN TIMES THE APPLICABLE EXPOSURE LIMITS.

Ventilation:EXHAUST VENT SUFFIC TO KEEP AIRBORN CONCENTRATIONS OF
SOLVENTS BELOW THEIR TLV'S MUST BE UTILIZED.

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection:SPLASH GUARDS,SIDE SHIELDS,CHEM GOGGLES

Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHIN

G

IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING
WASHROOM. SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health

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

HCC:F5

Boiling Pt:B.P. Text:260 TO 308F

Vapor Density:> AIR

Spec Gravity:1.09

Viscosity:*

Evaporation Rate & Reference:0.68 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH

SOLVENT ODOR

Percent Volatiles by Volume:25.5

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

Waste Disposal Methods:IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL
ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED
WITH CARE, DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR. DO NOT
INCINERATE CLOSED CONTAINERS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of 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.