View NSN Online: https://aerobasegroup.com/nsn/8010-01-293-0783

Product ID:CAT, MIL-C-85285B, 37038, TYPE II 04BK004CA

MSDS Date:07/31/1991

FSC:8010

NIIN:01-293-0783

Kit Part:Y

MSDS Number: BMDWZ === Responsible Party === Company Name: DEFT INC

Address:17451 VON KARMAN AVENUE

City:IRVINE State:CA ZIP:92714 Country:US

Info Phone Num:714-474-0400

Emerge

ncy Phone Num:800-424-9300 CHEMTREC

Preparer's Name: NORM GAUL

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 (VAPOR PRESSURE 0 MM HG) HEXAMETHYL

ENE

DIISOCYANATE (HDI) CAS NO: 822-06-0, FREE MONOMER CONTENT*

CAS:28182-81-2 Fraction by Wt: 65%

Other REC Limits:TLV OF 1 MG/M3 MOBAY

Ingred Name:*LESS THAN 0.7% BASED ON RESIN SOLIDS AT TIME OF

MANUFACTURE. AFTER 3-6 MONTHS STORAGE, THE FREE MONOMER CONTENT MAY

RTECS #:9999999ZZ

Other REC Limits: NONE SPECIFIED

Ingred Name:**RISE TO A MAXIMUM OF 1.6%. THE ACGIH HAS PROPOSED A TLV OF 0.005 PPM TWA IN THE NOTICE OF INTENDED CHANGES FOR ***

RTECS #:99999992Z Other REC Limits: NONE SPECIFIED

Ingred Name:***1987-88. MOBAY RECOMMENDS A CEILING LEVEL OF 0.02 PPM.

RTECS #:9999999ZZ

Other REC Limits: NONE SPECIFIED

Ingred Name: METHYL ISOBUTYL KETONE (VAPOR PRESSURE 15 MM HG)

CAS:108-10-1

RTECS #:SA9275000 Fraction by Wt: 25%

Other REC Limits: NONE SPECIFIED

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL 3-ETHOXYPROPIONATE (VAPOR PRESSURE .7 MM HG)

CAS:763-69-9

RTECS #:UF3325000 Fraction by Wt: 10%

Other

REC Limits: NONE SPECIFIED

Ingred Name: VOC: 355 G/L RTECS #:999999VO

Other REC Limits: NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: ACUTE: VAPORS IRRITATING TO EYES/NOSE/

THROAT. INHALATION MAY CAUSE HEADACHE/DIFFICULT

BREATHING/UNCONSCIOUSNESS. CHRONIC: REPEATED OVEREXPOSURE/SINGLE

LARGE DOSE CAN CAUSE

- ISOCYANATE SENSITIZATION, W HICH CAN CAUSE REACTION TO A LATER EXPOSURE OF ISOCYANATE LEVELS WELL BELOW TLV VALUE OF ISOCYANATE.
- Effects of Overexposure:INHALE: IRRITATE RSPRTRY TRACT/ACUTE NERV SYST DEPRESS-PROG STEPS:
- HEADACHE/DIZZY/STAGGER/CONFUSION/UNCONSCIOUS/COMA. SKIN/EYE CONTACT: IRRITATE/SWELL/RED/RASH. EYES: LIQUID/AREOSOLS/VAPORS IRRITATE/T EAR/RED/SWELL/STING SENSATION. SKIN ABSORPTION: PROLONG/REPEAT IRRITATE/DRY/DEFAT/CRACK. ACUTE: IRRITATE/CORROSIVE Med
- ical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS. ISOCYANATE SENSITIZATION.

- First Aid:INHALE: REMOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP/MAY BE IMMEDIATE OR DELAYED SEVERAL HRS. MED AID. SKIN: REMOVE CONTAM CLOTHING. WASH AFFECTED AREAS W/SOAP/WATER. W ASH CONTAM CLOTHING BEFORE REUSE. EYES:FLUSH W/CLEAN
- LUKEWARM WATER (LOW PRESSURE) 15 MIN, LIFT LIDS. MED AID. INGEST: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. MED AID.

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

Flash Point Method:TCC Flash Point:60.0F,15.6C

Lower Limits: 1.05

Extinguishing Media: FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:FULL EQUIP W/SCBA/FULL GEAR--FIRE FIGHTERS. WTR--COOL CLSD CNTNRS-PREVENT PRESS BLD-UP/AUTO IG NITE/EXPLOS.

HDI/OTHER VAPORS GENERATED BY COMBUST/THERMAL DECOMP.

Unusual Fire/Explosion Hazard:CNTNRS CLSD. NO HEAT/SPARKS/ELEC EQUIP/OPEN FLAME. CLSD CNTNRS EXPLODE--EXPOSED EXTREME HEAT. APPLIC TO HOT SURFACES- SPECIAL PRECAUS. OVEREXPOSURE TO DECOMP

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

Spill Release Procedures:CLEAR AREA. REMOVE SOURCES OF IGNITION (FLAME/SPARK SOURCES/HOT SURFACES). VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT

AND NON-SPARKING TOOLS.			
============ Handling and Storage =============			
Handling and Storage Precautions:BLDGS COMPLY W/OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES/FIRE/OPEN FLAMES/SPARK SOURCES. TIGHTLY CLOSED CONTAINERS. WELL VENTED AREAS. Other Precautions:CNTNRS TIGHT/UPRIGHT PREVENT LEAKAGE. NO PROLONGED BREATHING VAPORS/SPRAY MISTS. PROLONGED OVEREXPOSURE-ALLERGIC REACTION. NO CONTACT SKIN/EYES. DO NOT INGEST. READ/UNDERSTAND MFR'S SAFETY PRECAUTIONS.			
====== Exposure Controls/Personal Protection ========			
Respiratory Protection:ORGANIC VAPOR ENVIRON RSPRTR (AIR PURIFY/FRESH AIR SUPPLY). OSHA REGS/RSPRTR USE. VENTKEEP EXPOS LEVELS BELOW OSHA LIMITS. USE VAPOR PARTICULATE RSPRTR (TC23C NIOSH/MSHA) WHERI AIR MONITOR SHOWS VAP OR LEVELS BELOW 10 TIMES EXPOSE LIMITS. Ventilation:SUFFIC-KEEP AIRBORNE CNTNRNSSOLVENT/HDI/POLYISOCYANATES BELOW TLV'S. NO IGNITE SOURCES HEAT/SPARKS/FLAME/HOT SRFCS. Protec			
tive Gloves:COTTON/NEOPRENE/RUBBER/POLYETHYLENE Eye Protection:SPLASH GUARDS/SIDE SHIELDS/CHEM GOGGLES Other Protective Equipment:FACE SHIELDS. LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.			
Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, USING WASHROOM. SMOKE IN SMOKING AREAS ONLY. Supplemental Safety and Health			
KEY1;F5.THIS PRODUCT MAY CONTAIN TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 O			

F TITLE III OF THE SUPERFUND

AMENDMENTS AND REAUTHORIZATION ACT OF 1986 & 40 CFR PART 372. ACTION --MOUTH/STOMACH TISSUE/DIGESTIVE TRACT. VOMITING MAY CAUSE ASPIRATION: CHEMICAL PNEUMONITIS.

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

HCC:F5

Boiling Pt:B.P. Text:237FTO338F

Vapor Density:>AIR

Spec Gravity:1.00 (WATER=1)

Viscosity:*

Evaporation Rate & Reference: 0.95(X N-BUTYL ACETATE=1) Appearance and Odor: AMBER LIQUID WITH SOLVENT ODOR

Percent Volatiles b

	Stability and Reactivity Data	
0. 1.11.		

Stability Indicator/Materials to Avoid:YES

v Volume:42.2

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE ACTIVE MATERIALS.

Stability Condition to Avoid:CONTACT WITH MOISTURE, MATERIAL WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURE.

Hazardous Decomposition Products:BY HIGH HEAT/TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, TRACES OF HCN AND HDI.

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sposal Considerations	

Waste Disposal Methods:IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCT RESIDUE/FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS. EPA HAZARDOUS WASTE NUM BER/CODE: D001, F003, F005.

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