

DEFT INC -- CAT, MIL-C-85285B, 37038, TYPE II 04BK004CA -- 8010-01-293-0783

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

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 #:9999999ZZ
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 #:9999999VO
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, WHICH CAN CAUSE REACTION TO A LATER EXPOSURE OF ISOCYANATE LEVELS WELL BELOW TLV VALUE OF ISOCYANATE.

Effects of Overexposure: INHALE: IRRITATE RESPIRATORY TRACT/ACUTE NERVOUS SYSTEM DEPRESSION-PROGRESSIVE STEPS: HEADACHE/DIZZY/STAGGER/CONFUSION/UNCONSCIOUS/COMA. SKIN/EYE CONTACT: IRRITATE/SWELL/RED/RASH. EYES: LIQUID/AEROSOLS/VAPORS IRRITATE/T EARS/RED/SWELL/STING SENSATION. SKIN ABSORPTION: PROLONG/REPEAT IRRITATE/DRY/DEFAT/CRACK. ACUTE: IRRITATE/CORROSIVE

Medical Condition Aggravated by Exposure: ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS. ISOCYANATE SENSITIZATION.

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

First Aid: INHALE: REMOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP/MAY BE IMMEDIATE OR DELAYED SEVERAL HOURS. MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS WITH SOAP/WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER (LOW PRESSURE) 15 MIN, LIFT LIDS. MEDICAL AID. INGEST: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. MEDICAL 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 WITH SCBA/FULL GEAR--FIRE FIGHTERS. WATER--COOL CLOSED CONTAINERS--PREVENT PRESSURE BUILD-UP/AUTO IGNITION/EXPLOSION.
HDI/OTHER VAPORS GENERATED BY COMBUSTION/THERMAL DECOMPOSITION.
Unusual Fire/Explosion Hazard: CLOSED CONTAINERS. NO HEAT/SPARKS/ELECTRIC EQUIP/OPEN FLAME. CLOSED CONTAINERS EXPLODE--EXPOSED EXTREME HEAT. APPLICABLE TO HOT SURFACES--SPECIAL PRECAUTIONS. OVEREXPOSURE TO DECOMPOSITION

===== 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

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

Stability Indicator/Materials to Avoid:YES

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.

===== Disposal 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 NUMBER/CODE: D001, F003, F005.

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.