

DEFT INC -- CAT,MIL-C-85285B, 17925, TYPE II, 04W004CAT -- 8010-01-293-0789

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Product Identification
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Product ID:CAT,MIL-C-85285B, 17925, TYPE II, 04W004CAT

MSDS Date:07/31/1991

FSC:8010

NIIN:01-293-0789

Kit Part:Y

MSDS Number: BLVGB

=== Responsible Party ===

Company Name:DEFT INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:714-474-0400

Emergency

Phone Num:800-424-9300

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

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Composition/Information on Ingredients
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Ingred Name:ALIPHATIC ISOCYANATE (VAPOR PRESSURE 0 MM HG) HEXAMETHYLENE
DIIO

SOCYANATE (HDI) CAS NO 822-06-02, FREE MONOMER CONTENT*

CAS:28182-81-2

Fraction by Wt: 75%

Other REC Limits:MOBAY TLV: 1 MG/M3

Ingr Name:*LESS THAN 0.7% BASED ON RESIN SOLIDS AT THE TIME OF MFR.
AFTER 3-6 MO STORAGE, THE FREE MONOMER CONTENT MAY RISE **

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

Ingr Name:**(MAX 1.6%). THE ACGIH HAS PROPOSED A TLV OF 0.005 PPM TWA
IN THE NOTICE OF INTENDED CHANGES FOR 1987-88. MOBAY ***

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

Ingr

ed Name:***RECOMMENDS A CEILING LEVEL OF 0.02 PPM.

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

Ingr Name:METHYL ETHYL KETONE (SARA 313) (VAPOR PRESSURE 70.2 MM HG)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/300 PPM STEL

ACGIH TLV:200 PPM/300 PPM STEL

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingr Name:VOC: 244 G/L

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

==== Hazards Identification =====

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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: IRRITATION, ACUTE NERVOUS SYSTEM DEPRESSION.
CHRONIC: PROLONGED CONTACT WILL CAUSE DEFATTING ACTION. INGESTION:
IRRITATION. ASPIRATION CAN CAUSE CHEMICAL PNEUMONITIS. AS A RESULT
OF PREVIOUS REPEATED OVEREXPOSURE OR SINGLE LARGE DOSE, CERTAIN
INDIVIDUALS WILL

Effects of Ov

ereposure:INHAL: DIFFICULT BREATHING, HEADACHE,
DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS, COMA. SKIN:
IRRIT (SWELLING/REDNESS/RASH). EYES: REDNESS, TEARING, SWELLING
W/STINGING. SKIN: SWELL/REDNES S/RASH. PROLONG/REPEAT--MOD IRRIT,
DRYING, SKIN CRACKING. INGEST: VOMIT. IRRIT. CORROSIVE TO
MOUTH/STOMACH/DIGEST TRACT.

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

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= First Aid Measures =====

First Aid:INHALATION: MOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC
TYPE SYMPTOMS MAY DEVELOP (IMMED/DELAYED BY SEVERAL HRS). GET MED
AID. SKIN: REMOVE CONTAM CLOTHING. WASH AREA W/SOAP & WATER. WASH
CONTAM C LOTHING BEFORE REUSE. EYES: FLUSH WITH LUKEWARM WATER (LOW
PRESSURE)--15 MIN, LIFTING UPPER/LOWER LIDS. GET MED AID.
INGESTION: DON'T INDUCE VOMIT. NOTHING BY MOUTH TO UNCONSCIOUS
PERSON. GET MED AID.

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

Flash Point Method:TCC

Flash Point:24.0F,-4.4C

Lower Limits:1.08%

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

Fire Fighting Procedures:FULL FIRE FIGHT EQUIP W/SCBA & FULL PROTECT
CLOTH. USE WATER TO COOL CLOSED CNTNRS/PREVENT PRESSURE
BUILD-UP/AUTO IGNITE/EXPLOSION. HDI/IRRIT VAPORS GENERATED.

Unusual Fire/Explosion Hazard:KEEP FROM IGNITE SOURCES. CLOSED CNTNR
MAY EXPLODE W/HEAT. USE SPECIAL PRECAUTION
W/APPLIC TO HOT SRFCs.

DURING EMERG COND, OVEREXPOS TO DECOMP PROD/HEALTH HZD.

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE
ALL 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:STORE IN BLDG IN COM

PLIANCE W/OSHA

1910.106. AVOID HIGH TEMP, IGNITION SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN WELL VENT AREAS.

Other Precautions:KEEP CNTNRS TIGHT/UPRIGHT (PREVENT LEAKAGE). NO PROLONGED BREATHING OF VAPORS/SPRAY MISTS. AVOID CONTACT W/SKIN/EYES. DO NOT TAKE INTERNALLY. DO NOT HANDLE UNTIL THE SAFETY PRECAUTIONS HAVE BEEN READ/ UNDERSTOOD. SMOKE ONLY IN SMOKING AREAS.

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

Respiratory Protection:U

SE ORGANIC VAPOR RESPIRATOR (AIR PURIFYING/FRESH AIR). OBSERVE OSHA REGULATIONS (RESPIRATOR USE). PROVIDE VENT (KEEP EXPOSURE LEVELS BELOW OSHA LIMITS). VAPOR PARTIC RSPRTR (TC23C--NIOSH/MSHA) IF VAP OR LEVELS ARE BELOW 10 X EXPOSURE LIMITS

Ventilation:EXHAUST VENT SUFFICIENT TO KEEP AIRBORNE CONC (SOLVENT/ POLYISOCYANATES/HDI) BELOW TLV'S. REMOVE ALL IGNITION SOURCES.

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection:SPLASH GUARDS/SIDE SHIELDS/CHEM GOGG LES

Other Protective Equipment:FACE SHIELDS. THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED.

Work Hygienic Practices:REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM.

Supplemental Safety and Health

KEY1;F5.DEVELOP ISOCYANATE SENSITIZATION WHICH WILL CAUSE THEM TO REACT TO A LATER EXPOSURE OF ISOCYANATES LEVELS WELL BELOW THE TLV VALUE OF ISOCYANATES.

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

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HCC:F5

Boiling Pt:B.P. Text:175F,79C

Vapor Density:> AIR

Spec Gravity:1.02

Viscosity:*

Evaporation Rate & Reference:5.08 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume:30.3

===== 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:CON

TACT WITH MOISTURE, MATERIALS WHICH
REACT WITH ISOCYANATES AND HIGH TEMPERATURES.

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

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

Waste Disposal Methods:WASTE MUST BE DISPOSED IN ACCORD W/FEDERAL,
STATE & LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS
MUST BE HANDLED W/CARE (PRODUCT RESIDUE/FLAMMABLE VAPOR)

. DON'T

INCINERATE CLOSED CNTNRS. EPA HAZARDOUS WASTE #: D001, F003, F005.

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