

DEFT, INC. -- CAT MIL-C-83286 36118 G/S 03GY182CAT PART B -- 8010-01-107-2187

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Product Identification
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Product ID:CAT MIL-C-83286 36118 G/S 03GY182CAT PART B

MSDS Date:10/16/1989

FSC:8010

NIIN:01-107-2187

Kit Part:Y

MSDS Number: BHNCZ

=== 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

E

mergency Phone Num:714-474-0400

CAGE:DO188

=== Contractor Identification ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714

Phone:800-424-9300

CAGE:DO188

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Composition/Information on Ingredients
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Ingred Name:ALIPHATIC ISOCYANATE (HEXAMETHYLENE DIISOCYANATE)

CAS:28182-81-2

RTECS #:NQ9170000

Ingred Name:N-BU

TYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: < 5%.

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: < 5%.

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: < 5%.

OSHA PEL:200 PPM/150 STEL

ACGIH TL

V:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL 3-ETHOXYPROPIONATE

(VAPOR PRESSURE 0.7 MMHG)

CAS:763-69-9

Fraction by Wt: 5%.

OSHA PEL:NOT ESTABLISHED

ACGIH TLV:NOT ESTABLISHED

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 10%.

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:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS

#:EL6475000
Fraction by Wt: 45%.
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:VAPORS IRRITATION TO EYES, NOSE & THROAT.
INHALATION: HEADACHES, DIFFICULT BREATHING & LOSS OF CONSCIOUSNESS. A
RESULT OF PREVIOUS REPEATED EXPOSURE OR SINGLE
LARGE DOSE, SOME
INDIVIDUALS CAN DEVELOP ISOCYANATE SENSITIZATION WHICH WILL CAUSE THEM
TO REACT TO A LATER EXPOSURE OF ISOCYANATE LEVELS WELL BELOW TLV
VALUE OF ISOCYANATES
Effects of Overexposure:INHALATION: IRRITATION OF RESPIRATORY TRACT & ACUTE NERVOUS
SYSTEM DEPRESSION FOLLOWED BY: HEADACHE, DIZZINESS, STAG
GAIT, CONFUSION, UNCONSCIOUS, COMA. SKIN: ISOCYANATES REACT WITH SKIN
PROTEIN & MOISTURE, IRRITATION, SWELLING, REDNESS & RASH. EYE:
IRRITATION, TEARS, REDNESS, SWELLING, STINGING. INGESTION: IRRITATION POSSIBLE CORROSIVE
IN MOUTH STOMACH TISSUE/DIGESTIVE TRACT
Medical Conditions Aggravated by Exposure:ASTHMA & ANY OTHER RESPIRATORY
DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS, ISOCYANATE
SENSITIZATION.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING.
ASTHMATIC TYPE SYMPTOMS MAY DEVELOP & MAY BE IMMEDIATE/DELAYED HOURS.
OBTAIN MEDICAL ATTENTION. SKIN: REMOVE CLOTHING. WASH AFFECTED AREA WITH SOAP & WATER.
WASH CONTAMINATED
CLOTHING BEFORE REUSE. EYE: FLUSH WITH CLEAN LUKEWARM WATER
(LOW PRESSURE) 15 MINUTES. LIFTING EYELIDS. OBTAIN MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN
UNCONSCIOUS PERSON MEDICAL ATTENTION

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

Flash Point Method:TCC
Flash Point:23 F -5.00 C
Lower Limits:1.
Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL & WATER FOG
Fire Fighting Procedures:FULL EQUIPMENT WITH SELF-CONTAINED BREATHING
APPARATUS & FULL PROTECTION

ECTIVE CLOTHING. WTR TO COOL CLOSED CONTAINERS
TO PREVENT IGNITION/EXPLOSION. HDI VAPORS & OTHERS
Unusual Fire/Explosion Hazard:KEEP TIGHTLY CLOSED. ISOLATE FROM HEAT,
SPARKS, ELEC EQUIP. & OPEN FLAME. CLOSED CONTAIN MAY EXPLODE.
APPLICATION TO HOT SURFACES REQ SPECIAL PRECAUTIONS

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE
ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES)

VENTILATE AREA. CONTAIN & REMOVE WITH INERT ABSORBENT &
NON-SPARKING TOOLS

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

Handling and Storage Precautions:STORE IN BLD DESIGNED TO COMPLY WITH
OSHA. AVOID NEAR HIGH TEMP, FIRE, OPEN FLAMES, & SPARK SOURCES.
TIGHTLY CLOSED CONTAINER. WELL VENTILATED AREA

Other Precautions:KEEP CONTAINERS TIGHT/UPRIGHT TO PREVENT LEAKAGE.
PREVENT PROLONGED BREATHING OF VAPORS/SPRAY MISTS. PROLONGED
OVEREXPOSURE MAY CAUSE A

N ALLERGIC REACTION. AVOID CONTACT W/SKIN &
EYES. DO NOT TAKE INTER NALLY. UNDERSTAND & USE PRECAUTIONS

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

Respiratory Protection:ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR
FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REG. VENTILATION
SHOULD BE PROVIDED KEEP EXPOSURE LEVELS BELOW THE OSHA PERMISSIBLE
LIMITS. AIR SUPPLIED IF TLV VALUE OF HDI IS OVER PERMISSIBLE LIM

Ventilation:EXHAUST VENT. SUFFICIENT FOR AIRBO

RNE CONCENTRATIONS, HDI &

POLYISOCYANATES BELOW TLV MUST BE UTILIZED. RMV ALL IGN SOURC

Protective Gloves:NEOPRENE, RUBBER POLYETHYLENE GLOVES

Eye Protection:SPLASH/SIDE/FACE SHIELD, CHEM GOGGLES

Other Protective Equipment:USE LONG SLEEVE & LONG LEG CLOTHING. REMOVE
& WASH CONTAMINATED CLOTHING BEFORE REUSE

Work Hygienic Practices:GOOD PERSONAL HYGIENE PRACTICES

Supplemental Safety and Health

IF INGESTION OCCURS: VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT,
RESULTING IN CHEMICAL PNEU

MONITIS

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

HCC:F2

Boiling Pt:B.P. Text:175-338 F

Vapor Density:> AIR

Evaporation Rate & Reference:3.54 X N-BUTYL ACETATE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:76.9

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

Stability Indicator/Materials to Avoid:YES

CONTACT W/MOISTURE, MATER WHICH REACT W/ISOCYANATES & HIGH TEMP.INCOMPATIBLE: WTR,AMINES,STRONG BASES,ALCO

HOL,METAL COMP

Hazardous Decomposition Products:HIGH HEAT/TEMP: CARBON MONOXIDE, CARBON DIOXIDE, & OXIDES OF NITROGEN, TRACES OF HCN & HDI

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

Waste Disposal Methods:ACCORDANCE WITH FED, STATE & LOCAL ENVIRONMENTAL CONTROL REG. EMPTY CONTAINERS MUST BE HANDLED W/CARE. DUE TO RESIDUE/FLAMMABLE VAPOR, DO NOT INCINERATE CLOSED CONTAINERS.

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mation 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.