

DEFT INC CHEMICAL COATING DIV -- CAT MIL-C-85285B, 36231, TYPE II (04GY005CAT) --
8010-01-293-6185

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

Product ID:CAT MIL-C-85285B, 36231, TYPE II (04GY005CAT)

MSDS Date:11/11/1995

FSC:8010

NIIN:01-293-6185

Kit Part:Y

MSDS Number: BYYFP

=== Responsible Party ===

Company Name:DEFT INC CHEMICAL COATING DIV

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-62

05

Country:US

Info Phone Num:714-474-0400

Emergency Phone Num:714-474-0400/800-424-9300 CHEMTREC

Preparer's Name:NORM GAUL

CAGE:33461

=== 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

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

Ingred Name:ALIPHATIC ISOCYANATE

CAS:4035-89-6

Fraction by Wt: 65%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT EST.

ACGIH TLV:NOT ES

T.

Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)(VP = 15 @ 68F)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 25%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM/STEL 75

ACGIH TLV:50 PPM/STEL 75

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL 3-ETHOXYPROPIONATE (VP = 0.7 @ 68F)

CAS:763-69-9

RTECS #:UF3325000

Fraction by Wt: 10%

Other REC Limits:50 PPM/STEL 100

Ingred Name:HEXAMETHYLENE DIISOCYANATE (CERCLA) FREE MONOMER CONTENT
3-6 MO. FREE MONOMER MA

Y RISE*

CAS:822-06-0

RTECS #:MO1740000

Other REC Limits:MILES - 0.02PPM CEIL

OSHA PEL:NK *TO MAX 1.6%.

ACGIH TLV:0.005 PPM; 9495

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

===== 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 IRRIT EYES/NOSE/THROAT.

INHAL: IRRIT, ACUTE NS DEPRESSION. CHRONIC: DEFATTING W/PROLONGED CONTACT. ING

EST: IRRIT. POS CHEM PNEUMONITIS W/ASPIRATION RESULT OF

PREVIOUS REPEATED OVEREXPOS/ SINGLE LG DOSE, SOME PEOPLE WILL DEVELOP ISOCYANATE SENSITIZATION, WHICH CAUSES THEM REACT TO LATER EXPOSURE OF **

Effects of Overexposure:INHAL: HEADACHE, DIZZINESS, STAGGERING GATE,

CONFUSION, UNCONSC OR COMA, DIFFICULT BREATHING, ASTHMA. SKIN: SENSITIZATION, OTHER ALLERGIC RESPONSES, SWELLING, REDNESS, RASH.

EYES: TEARING, REDNESS, SW ELLING W/STINGING SENSATION.

Medical Cond Aggravate

d by Exposure:ASTHMA & ANY OTHER RESP DISORDERS.

SKIN: ALLERGIES, EXCEMA, DERMATITIS. ISOCYANATE SENSITIZATION.

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

First Aid:INHAL: GET FRESH AIR. RESTORE BREATHING. ASTHMATIC TYPICAL SYMPTOMS MAY DEVELOP, MAY BE IMMED OR DELAYED BY SEVERAL HRS. GET MED AID. SKIN: REMOVE CONTAM CLOTHES. WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/CLEAN LUKE WARM WATER (LOW PRESSURE) AT LEAST 15 MIN, LIFTING LIDS. GET MED A ID. INGEST: DON'T INDUCE VOMITING. DON'T GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. GET MED AID.

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

Flash Point Method:TCC

Flash Point:60.0F,15.6C

Lower Limits:1.05

Upper Limits:8.0

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

Fire Fighting Procedures:FULL FIRE FIGHT EQUIP W/SCBA, FULL PROTECT CLOTHES. USE H2O TO COOL CLOSED CNTNRS/PREVENT PRESSURE BUILD-UP/AUTO

IGNITE/EXPLOSION. HDI/IRRIT VAPORS GENERATED.

Unusual Fire/Explosion Hazard:KEEP CLOSED TIGHT. CLOSED CNTNR MAY EXPLODE W/EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. POS HEALTH HAZ W/OVEREXPOSURE DECOMP PRODS

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

Spill Release Procedures:EVACUATE NONESSENTIAL PERSONNEL. REMOVE ALL IGNITION SOURCES. VENT. AREA. CONTAIN/REMOVE W/INERT ABSORBENT & NONSPARKING TOOLS.

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

Handling and Storage Precautions:STORE IN BUILDING COMPLYING W/OSHA 1910.106. AVOID STORING NEAR HI TEMP/FIRE/OPEN FLAME/SPARK SOURCES. STORE IN TIGHT CLOSED CNTNR/WELL VENTED AREA.

Other Precautions:KEEP CNTNR TIGHT/UPRIGHT TO PREVENT LEAKAGE. PREVENT PROLONGED BREATHING VAPOR/SPRAY MISTS. POS ALLERGIC REACTION W/PROLONGED OVEREXPOSURE. AVOID SKIN/EYE CONTACT. DON'T TAKE INTERNALLY. DON'T HANDLE TIL READ/UNDERSTAND MFG PRECAUTIO

NS.

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

Respiratory Protection:ORGANIC VAPOR RESPIRATR (AIR PURIFYING/FRESH
AIR) OBSERVE OSHA REGS (RESPIRATR USE). PROVIDE VENT (KEEP EXPOSURE
LEVELS