

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:92714-620  
5  
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 EST

Ingrid 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

Ingrid 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

Ingrid Name:HEXAMETHYLENE DIISOCYANATE (CERCLA) FREE MONOMER CONTENT 3-6 MO. FREE MONOMER MAY 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. INGE  
ST: 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 Aggravated

by Exposure:ASTHMA & ANY OTHER RESP DISORDERS.  
SKIN: ALLERGIES, EXCEMA, DERMATITIS. ISOCYANATE SENSITIZATION.

===== 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 AI  
D. INGEST: DON'T INDUCE VOMITING.  
DON'T GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. GET MED AID.

===== 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/AUTOI  
GNITE/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

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

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

===== H  
andling 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 PRECAUTION

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

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