

DEFT INC CHEMICAL COATING DIV -- CAT, MIL-C-85285, 26231, TYPE I (03GY327CAT) --
8010-01-285-2489

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

Product ID:CAT, MIL-C-85285, 26231, TYPE I (03GY327CAT)

MSDS Date:04/25/1995

FSC:8010

NIIN:01-285-2489

Kit Part:Y

MSDS Number: BYXZR

=== Responsible Party ===

Company Name:DEFT INC CHEMICAL COATING DIV

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

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: 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT EST.

ACGIH TLV:NOT EST.

Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)(VP =
15 @ 68F)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 35%
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: 15%
Other REC Limits:50 PPM/STEL 100

Ingred 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

Ingred Name:ALIPHATIC ISOCYANATE
CAS:28182-81-2
RTECS #:NQ9170000

===== 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, ACU

TE NS DEPRESSION. CHRONIC: DEFATTING W/PROLONGED CONTACT. INGEST: 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.

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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 AID. 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/AUTOIGNITE/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.

===== 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 TAK

E

INTERNALLY. DON'T HANDLE TIL READ/UNDERSTAND MFG PRECAUTIONS.

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

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