

DEFT INC CHEMICAL COATING DIV -- CAT, MIL-C-85285B, 17925, 03W127ACAT -- 8010-01-285-3035
===== Product Identification =====

Product ID:CAT, MIL-C-85285B, 17925, 03W127ACAT
MSDS Date:07/31/1991
FSC:8010
NIIN:01-285-3035
Kit Part:Y
MSDS Number: BQDBF
=== 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: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:METHYL PROPYL KETONE (VAPOR PRESSURE 27.8 MM HG)
CAS:107-87-9
RTECS #:SA7875000
Fraction by Wt: 15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/STEL 2

50 PPM
ACGIH TLV:200 PPM/STEL 250 PPM

Ingred Name:ALIPHATIC ISOCYANATE (HEXAMETHYLENE DIISOCYANATE [HDI]
822-06-02, FREE MONOMER CONTENT LESS THAN 0.7 BASED ON RESIN)
CAS:28182-81-2
RTECS #:HQ9170000
Fraction by Wt: 45%
Other REC Limits:MOBAY TLV: 1 MG/M3

Ingred Name:METHYL ISOBUTYL KETONE (SARA III) (VAPOR PRESSURE 15 MM
HG)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA Rpt Qty:5000 LBS
D
OT Rpt Qty:5000 LBS

Ingred Name:CYCLOHEXANONE (SARA III) (VAPOR PRESSURE 3.4 MM HG)
CAS:108-94-1
RTECS #:GW1050000
Fraction by Wt: 25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 546 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

===== 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:INHAL: RESP IRRIT, ACUTE NERV SYS DEPRESSN (HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS, COMA). SKIN: ISOCYANATES REACT W/SKIN PROTEIN & MOISTURE-IRRIT (SWELLING, REDNESS, RASH). EYES: IRRIT (TEARING, REDNESS, SWELLING W/STING) ABSORPT: PROLONG/REPEAT: IRRIT, DRYING, DEFATTING (SKIN CRACK). INGEST: **

Effects of Overexposure:** IRRIT, CORROSIVE TO MOUTH, STOMACH, DIGEST TRACT. VOMIT: ASPIRATION OF SOLVENT TO LUNGS, MAY RESULT IN CHEM

PNEUMONITIS. ACUTE: EYES, NOSE, THROAT IRRIT. INHAL: HEADACHE, DIFFICULT BREATHING, UNCON SCIOUSNESS. CHRONIC: PREV REPEAT OVEREXPOS/SINGLE LRG DOSE: SENSITIZATION (REACT TO LEVELS BELOW TLV).

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

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

First Aid:INHAL: MOVE TO AREA FREE FROM RISK OF FURTHER EXPOSURE.

RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP. GET MED AID. SKIN: REMOVE CONTAM CLOTHING. WASH AFFECTED AREA W/SOAP & WATER. WASH CONTAM CLOTHING BEFORE REUSE. EYES: FLUSH W/LUKEWARM WATER (LOW PRESSR) 15 MIN, LIFTING EYELIDS. GET MED AID. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MED AID.

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

Flash Point Method:TCC

Flash Point:46.0F,
7.8C

Lower Limits:1.1

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

Fire Fighting Procedures:FULL FIRE EQUIP W/SCBA,FULL PROTECT CLOTH.USE WATER TO COOL CLSD CNTNR(PREVNT PRESSR BLDUP,AUTOIGNIT,EXPLOS).HDI/IRRIT VAPOR GENERATED BY COMBUST/THERMAL DECOMP

Unusual Fire/Explosion Hazard:KEEP CNTNR CLSD. KEEP FROM HEAT/IGNIT SOURCES. CLSD CNTNR MAY EXPLODE W/HEAT. APPL TO HOT SRFCS REQ PRECAUTION. OVEREXPOSURE DECOMP PROD MAY BE HEALTH HZD.

===== E

Exposure Controls/Personal Protection =====

Respiratory Protection:MAY BE APPROPRIATE WHERE AIR MONITORING DEMONSTRATES VAPOR LEVELS BELOW TEN TIMES THE APPLICABLE EXPOSURE LIMITS.

Ventilation:EXHAUST VENT SUFFICIENT TO KEEP AIRBORNE CONCENTRATION OF SOLVENT, HDI & POLYISOCYANATES BELOW TLV. REMOVE IGNIT SOURCES

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:213 TO 312F

Vapor Density:> AIR

Spec Gravity:0.95

Evaporation Rate & Reference:1.07 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:63.6

===== 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:CONTACT 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

Conditions to Avoid Polymerization:CONTACT WITH MOISTURE, MATERIALS WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURES

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

Waste Disposal Methods:HAZARDOUS WASTE CHARACTERISTICS: IGNITABILITY: YES. CORROSIVITY: NO. REAC

TIVITY: YES.

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