

DEFT INC CHEMICAL COATING DIV -- CAT,MIL-C-83286,GRAY 16515,PC03GY256 CAT --
8010-01-181-6276

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

Product ID:CAT,MIL-C-83286,GRAY 16515,PC03GY256 CAT

MSDS Date:03/05/1987

FSC:8010

NIIN:01-181-6276

Kit Part:Y

MSDS Number: BJXTH

=== 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

Preparer's Name:N. 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:2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS:111-15-9

RTECS #:KK8225000

Fraction by Wt: 10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S,100 PPM

ACGI

H TLV:S, 5 PPM; 9192

Ingred Name:BIURET OF 1,6 HEXAMETHYLENE DIISOCYANATE

CAS:28182-81-2

Fraction by Wt: 30%

Other REC Limits:OTHER .02 PPM

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

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%

Other REC Limits:NONE SPECIFIED

OSH

A PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 45%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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===== 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 AT CONCENTRATIONS ABOVE SUGGESTED TLV CAN IRRITATE THE MUCOUS MEMBRANE IN THE RESPIRATORY TRACT.OVEXPOS OR A SINGLE LARGE DOSE CAN CAUSE ISOCYANATE SENSITIZATION WHICH CAN CAUSE REACTION TO LAT ER EXPOS. INGEST CAN RESULT IN IRRIT AND POSSIBLE CORROSIVE ACTION IN THE MOUTH,STOMACH TISSUE AND DIGESTIVE TRACT.

Explanation of Carcinogenicity:NONE OF THE LISTED INGREDIENTS ARE LISTED AS CARCINOGENS.

Effects of Over

exposure:INHALED:IRRIT OF THE RESPIRATORY TRACT & ACUTE NERVOUS SYSTEM DEPRESSION CHARA BY HEADACHE,DIZZINESS,STAGGERING GAIT,CONFUSION,UNCONSCIOUSNESS/COMA.SKIN:IRRIT,SWELLING,REDNESS,RAS H,DRYING & DEFATTING. EYES:TEARING,REDNESS,SWELLING AND STINGING.VOMITING MAY CAUSE ASPIRATION OF SOLVENT RESULTING IN CHEMICAL PNEUMONITIS.

Medical Cond Aggravated by Exposure:ISOCYANATE SENSITIZATION, ASTHMA AND DERMITITIS.

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

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First Aid:INHALED:MOVE FROM AREA.ASTMATIC TYPE SYMPTOMS MAY DEVELOP AND MAY BE IMMEDIATE OR DELAYED.GET MED ATTN.SKIN:REMOVE CONTAMINATED CLOTHING.WASH AREA WITH SOAP AND WAATER.WASH CLOTHING BEFORE REUSE.EYES :FLUSH WITH WATER FOR 15 MINUTES,OCCASIONALLY LIFTING EYELIDS.GET MED ATTN.INGESTION:DO NOT INDUCE VOMITING.DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.OBTAIN MEDICAL ATTENTION.

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

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Flash Point Method:TCC

Flash Point:23F/-5C

Lower Limits:1.7

Upper Limits:11.5

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

Fire Fighting Procedures:FULL EQUIPMENT WITH SCBA AND FULL PROTECTIVE CLOTHING.HDI VAPORS AND OTHER IRRITATING VAPORS MAY BE GENERATED BY COMBUSTION OR THERMAL DECOMPOSITION.

Unusual Fire/Explosion Hazard:KEEP CLOSED.ISOLATE FROM HEAT,SPARKS.CLOSED CONTAINER MAY EXPLODE IN HIGH HEAT WHEN APPLY TO HOT SURFACE,USE SPEC PRECAUTION.

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

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

Handling and Storage Precautions:STORE IN BUILDINGS TO COMPLY W/OSHA 191.106.AVOID STORING NEAR HIGH TEMPS AND FIRE.STORE IN TIGHTLY CLOSED CONTAINERS.DO NOT RESEAL IF CONTAMINATED.

Other

Precautions:KEEP CLOSED AND UPRIGHT TO PREVENT LEAKAGE.PREVENT REPEATED BREATHING OF VAPORS.DO NOT TAKE INTERNALLY.DO NOT HANDLE UNTIL THE MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

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

Respiratory Protection:RESPIRATOR RECOMMENDED FOR USE IN ISOCYANATE CONTAINING ENVIRONMENT IS NECESSARY.VENTILATION SHOULD BE PROVIDED TO KEEP EXPOSURES BELOW THE OSHA PERMISSIBLE LIMITS.

Ventilation:EXH

AUST VENTILATION SUFFICIENT TO KEEP CONCENTRAT OF SOLVENT,HDI/POLYISOCYANATES BELOW TLV'S.REMOVE ALL SOURCE OF IGNIT.

Protective Gloves:USE NEOPRENE,RUBBER,OR POLYETHYLENE

Eye Protection:CHEM GOGGLES,FACE SHIELDS,SPLASH GUARDS

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

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING THE WASHROOM. SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health

KEY

1:F3.

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

HCC:F2

Boiling Pt:B.P. Text:175 TO 313F

Vapor Density:> THAN AIR

Spec Gravity:0.9

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:INSOLUBLE IN WATER

Appearance and Odor:CLEAR, LIGHT AMBER COLOR WITH SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE ACTI

VE MATERIALS.

Stability Condition to Avoid: CONTACT WITH MOISTURE, MATERIALS WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURES.

Hazardous Decomposition Products: BY HIGH HEAT AND FIRE: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, TRACES OF HCN, HDI.

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

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE T

O PRODUCT RESIDUE AND FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED C ONTAINERS.

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