

DEFT, INC -- MIL-C-83286, G/S E/S, 36081 CAT -- 8010-01-104-6538

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

Product ID:MIL-C-83286, G/S E/S, 36081 CAT

MSDS Date:03/05/1987

FSC:8010

NIIN:01-104-6538

Kit Part:Y

MSDS Number: BGMBD

=== Responsible Party ===

Company Name:DEFT, INC

Address:17451 VON KARMAN AVENUE

City:IRVINE

State:CA

ZIP:92714

Info Phone Num:(714) 474-0400

Emergency Phone Num:(714) 474-0400

Pr

Preparer's Name:N. GAUL

CAGE:5M511

=== 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

Company Name:DEFT, INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Phone:714-474-0400

CAGE:5M511

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

Ingred Name:2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS:111-15-9

RTECS #:KK8225000

Fraction by W

t: 15%
OSHA PEL:S,100 PPM
ACGIH TLV:S, 5 PPM; 9192

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 15%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)
CAS:822-06-0
RTECS #:MO1740000
Fraction by Wt: 35%
ACGIH TLV:0.005 PPM; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 5%
OSHA P
EL: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:100 PPM
OSHA 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: 15%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qt

y:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (SARA III)
CAS:141-78-6
RTECS #:AH5425000
Fraction by Wt: 15%
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 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:IRRITATION OF THE RESP TRACT, NOSE,
SKIN, EYES, HEADACHE, DIZZINESS, STAGGERI
NG GAIT, CONFUSION,
UNCONSCIOUSNESS OR COMA,
Explanation of Carcinogenicity:NONE
Effects of Overexposure:PROLONGED/REPEATED CONTACT CAN CAUSE MODERATE
IRRITATION, DRYING & DEFATTING OF THE SKIN WHICH CAN CAUSE CRACK, &
DERMATITIS.EYE: LIQUID, AEROSOLS OR VAPORS ARE IRRITATING & CAUSE
TEARING, REDNESS, & SWELLING ACCOMPANIED BY A STINGING SENSATION.
VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT RESULTING IN
PNEUMONITIS.
Medical Cond Aggravated by Exposure:ISOCYANATE SENSI
TIZATION, ASTHMA,
DERMITITIS.

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

First Aid:INHALATION: MOVE TO AN AREA FREE FROM EXPOSURE. RESTORE
BREATHING. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA
W/SOAP & WATER. WASH CONTAMINATED THOROUGHLY BEFORE REUSE. EYES:
FLUSH WITH CLEAN, LUKEWARM WATER FOR AT LEAST 15 MIN, OCCASIONALLY
LIFTING EYELIDS. INGESTION: DON'T INDUCE VOMITING. DON'T GIVE
ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL
ATTENTION.

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

Flash Point Method:TCC
Flash Point:23F
Lower Limits:1.0%
Upper Limits:11.5%
Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER FOG
Fire Fighting Procedures:SCBA & FULL PROTECTIVE CLOTHING. DURING A
FIRE, HDI VAPORS/OTHER IRRITATING VAPORS MAY BE GENERATED BY
COMBUSTION OR THERMAL DECOMPOSITION.
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. CLOSED
CONTAINERS MAY EXPLODE WHEN EXPOSED TO E

XTREME HEAT. ISOLATE FROM
HEAT, SPARKS, ELECTRICAL EQUIPMENT & OPEN FLAME.

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

Spill Release Procedures:EVACUATE ALL NONESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, HOT SURFACES, SPARK SOURCES). VENTILATE AREA. CONTAIN & REMOVE WITH INERT ABSORBENT & NON-SPARKING TOOLS.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHT/UPRIGHT TO PREVENT LEAKAGE. DON'T STORE/USE NEAR HEAT, SPARKS, OPEN FLAME. PREVENT PROLONGED/REPEATED BREATHING OF VAPORS/MISTS
Other Precautions:PROLONGED OVEREXPOSURE CAN CAUSE AN ALLERGIC REACTION. IF MOISTURE ENTERS CONTAINERS, PRESSURE CAN BUILD UP DUE TO A REACTION PRODUCING CO₂ WHICH CAN CAUSE A SEALED CONTAINER TO BURST. DON'T RESEAL IF CONTAMINATION IS SUSPECTED.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR USE IN ISOCYANATE CONTAINING ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP AIR

Spec Gravity:1.0

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:INSOLUBLE

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 & SURFACE ACTIVE MATERIALS.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME, HOT SURFACES.

Hazardous Decomposition Products:CO₂, CO, OXIDES OF NITROGEN, TRACES OF HCN, HDI.

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

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

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, & LOCAL ENVI

ENVIRONMENTAL CONTROL REGULATIONS. EMPTY
CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCE RESIDUE AND
FLAMMABLE VAPOR. DON'T INCINERATE CLOSED CONTAINERS.

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