

DEFT, INC. -- MIL-C-85285B,15044 TYPE I -- 8010-01-329-6304

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

Product ID:MIL-C-85285B,15044 TYPE I

MSDS Date:07/08/1997

FSC:8010

NIIN:01-329-6304

Status Code:A

MSDS Number: CKWWR

=== Responsible Party ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Info Phone Num:949-474-0400

Emergency Phone Num:(800)424-9300

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emtrec Ind/Phone:(800)424-9300

CAGE:33461

=== Contractor Identification ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

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ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

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

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:10.

OSHA PEL:150 PPM

OSHA STEL:200 PPM

ACGIH TLV:150 PPM

ACGIH STEL:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL 3-ETHOXYPROPANOATE

CAS:763

-69-9
RTECS #:UF3325000
= Wt:10.

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
< Wt:1.
OSHA PEL:100 PPM
OSHA STEL:150 PPM
ACGIH TLV:100 PPM
ACGIH STEL:150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLBENZENE
CAS:100-41-4
RTECS #:DA0700000
< Wt:1.
OSHA PEL:100 PPM
OSHA STEL:125 PPM
ACGIH TLV:100 PPM
ACGIH STEL:125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ANTI FLOAT AGENT
CAS:1317-65-3
RTECS #:EV9580000
< Wt:1.
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M
3

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
< Wt:1.
OSHA PEL:100 PPM
OSHA STEL:150 PPM
ACGIH TLV:100 PPM
ACGIH STEL:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:FLOW AGENT
CAS:26376-86-3
< Wt:1.

Ingred Name:2,4-PENTANEDIONE
CAS:123-54-6
RTECS #:SA1925000
< Wt:5.

Ingred Name:BUTYL CARBITOL ACETATE
CAS:124-17-4
RTECS #:KJ9275000
< Wt:5.

LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL N-AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
= Wt:5.
OSHA PEL:100 PPM
ACGIH TLV:50 PPM

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===== 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 ARE IRRITATING TO EYES,
NOSE, AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT
BREATHING AND LOSS OF CONSCIOUSNESS. CHRONIC: P
ROLONGED CONTACT
WILL CAUSE DRYING AND CRACKING OF TH E SKIN, DUE TO DEFATTING
ACTION, SKIN DESENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES
MAY DEVELOP.
Effects of Overexposure:SKIN ABSORBTION: PROLONGED OR REPEATED CONTACT
CAN CAUSE THE SKIN TO CRACK.INHALATION: IRRI. OF THE RESPIRATORY
TRACT AND ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY
HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION. SKIN: ISOCYANATES
REACT WITH SKIN PROTIE N AND MOISTURE AND CAN CAUSE IRR. SY
MPTOMS MAY
BE SWELLING, REDNESS AND RASH. EYES: LIQUID AREOSOLS OR VAPORS ARE
IRR AND MAY CAUSE TEARING, REDNESS AND SWELLING ACCOMPANIED BY A
STINGING SENSATION. INGESTION: CAN RESULT IN IRR. AND POSSIBLE
CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.
VOMITING MAY CAUSE ASPIRATION OF THE S OLVENT, RESULTING IN
CHEMICAL PNEUMONIA.
Medical Cond Aggravated by Exposure: ASTHMA AND ANY OTHER RESPIRATORY
DISORDERS. SKIN ALLERGIES, ECZEMA AND DERMITITIS.

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

First Aid: INHALATION: MOVE TO AN AREA FREE FROM RISK OF FURTHER
EXPOSURE. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP
AND MAY BE IMMEDIATE OR DELAYED BY SEVERAL HOURS. OBTAIN MEDICAL
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS
THROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING THROUGHLY
BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER FOR AT LEAST 15
MINITUES

, OCC ASIONALLY LIFTING EYELIDS. OBTAIN MEDICAL ATTENTION.
INGESTION: CO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN
UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=7.2C, 45.F

45F

Lower Limits:0.76

Upper Limits:11.40

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

Fire Fighting Procedures:FULL FIRE FIGHTING EQUIPMENT WITH SCBA AND
FULL PRO

TECTIVE CLOTHING SHOULD BE WORN BY FIRE FIGHTERS. WATER MAY
BE USED TO COOL CLOSED CONTAINERS TO PROVENT PRESSURE BUILD-UP,
AUTO IGNITION OR EXPLOSIO N.

Unusual Fire/Explosion Hazard:KEEP CONT TIGHTLY CLOSED. ISOLATE FROM
HEAT, SPARKS, ELECTRICAL EQUIP AND OPEN FLAME. CLOSED CONT MAY
EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES
REQUIRES SPECIAL PRECAUTIONS. DU RING EMERGENCY CONDS OVEREXPOSURE
TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPT
OMS MAY
NOT BE IMM APPARENT.

===== 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 DESIGNED TO COMPLY
EITH OSHA. AVOID STORING NEAR HIGH TEMPATURERS, FIRE, OPEN FLAMES

AND SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN
WELL VENTILATED AREAS.

Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT TO PREVENT
LEAKAGE. PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. DO
NOT HANDLE TILL ALL PRECAUTIONS HAVE BEEN READ. WASH HANDS AFTER
HANDLING.

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

Respiratory Protection:A RESPPIRATOR THAT IS APPROVED FOR AN ORGANIC
ENVIORMENT.

Ventilation:EXHAUST

Protectiv

e Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE
Eye Protection:SPLASH GUARDS OR SIDE SHIELDS CHEMICAL GOGGLES OR FACE SHIELDS.
Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

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

Boiling Pt:=107.8C, 226.F
B.P. Text:226-475 DEG F
Vapor Density:+ AIR
Spec Gravity:1.11885
VOC Pounds/Gallon:333
Viscosity:T
HIN LIQUID TO HEAVY
Evaporation Rate & Reference:N-BUTYL ACETATE 0.42
Solubility in Water:INSOLUABLE
Appearance and Odor:BLUE LIQUID WITH SOLVENT ODOR
Percent Volatiles by Volume:36.9

===== 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, MATERIAL WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURES.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN, TRACES OF HCN AND HDI.

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

Waste Disposal Methods:WASTE MUST BE DISPOSED OF WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS.

===== Regulatory Information =====

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SARA Title III Information:XYLENE, ETHYL BENZENE, TOULENE
State Regulatory Information:CALIFORNIA PROP 65 TOULENE

===== Other Information =====

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