

DEFT, INC. -- MIL-PRF-85285B (MIL-C-85285B) -- 8010-01-397-3972

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Product Identification
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Product ID:MIL-PRF-85285B (MIL-C-85285B)

MSDS Date:10/16/1997

FSC:8010

NIIN:01-397-3972

Status Code:A

MSDS Number: CLLYW

=== 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

Preparer's Name:HENRY SIMMONS

Chemtec Ind/Phone:(800)424-9300

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

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Composition/Information on Ingredients
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Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:7.07

OSHA PEL:710 MG/M3;150 PPM

ACGIH TLV:713 MG/M3;150 PPM

ACGIH STEL:950 MG/M3;200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:500

0 LBS

Ingred Name:ETHYL 3-ETHOXYPROPIONATE
CAS:763-69-9
RTECS #:UF3325000
= Wt:6.58

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
= Wt:.21
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE, ETHYL-
CAS:100-41-4
RTECS #:DA0700000
= Wt:.25
OSHA PEL:435 MG/M3;100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:543 MG/M3;125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ANTI-FLOAT AGENT
= Wt:.34

Ingred Name:ANTI MAR
AGENT
= Wt:.1

Ingred Name:ISOBUTYL ALCOHOL
CAS:78-83-1
RTECS #:NP9625000
= Wt:.02
OSHA PEL:300 MG/M3;100 PPM
ACGIH TLV:152 MG/M3;50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:FLOW AGENT
= Wt:.2

Ingred Name:2,4-PENTANEDIONE
CAS:123-54-6
RTECS #:SA1925000
= Wt:1.84

Ingred Name:DIBUTYLTIN DILAURATE
CAS:77-58-7
RTECS #:WH7000000
= Wt:.02

Ingred Name:METHYL N-AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
= Wt:20.76

UTYL CARBITOL ACETATE

CAS:124-17-4

RTECS #:KJ9275000

= Wt:1.94

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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 HEADACHE, DIFFICULT BREATHING AND LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT WILL CAUSE DRYING AND CRACKING OF THE SKIN, DUE T

O DEFATTING

ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.

Effects of Overexposure:INHALATION: IRRITATION OF THE RESPIRATORY TRACT & ACUTE NERVOUS SYSTEM DEPRESSION. SKIN AND EYE CONTACT: CONTACT WITH THE SKIN CAN CAUSE IRRITATION. SYMPTOMS MAY BE SWELLING, REDNESS, AND RASH. EYES: LIQUID, AEROSOLS OR VAPORS ARE IRRITATING AND MAY CAUSE TEARING, REDNESS, AND SWELLING ACCOMPANIED BY A STINGING SENSATION. SKIN ABSORPTION: PROLONGED AND REPE

ATED CONTACT

CAN CAUSE MODERATE IRRITATION, DRYING, AND DEFATTING OF THE SKIN WHICH CAN CAUSE THE SKIN TO CRACK. INGESTION: CAN RESULT IN IRRITATION AND POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:ASTHMA AND 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 CONDITION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHES BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER (LOW PRESSURE) FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. OBTAIN MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN U

UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=-19.4C, 67.F

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
SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING
SHOULD BE WORN BY FIRE FIGHTERS. WATER MAY USED TO COOL CLOSED
CONTAINERS TO
PREVENT PRESSURE BUILD-UP , AUTO IGNITION OR
EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE
FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO
HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY
CONDITIONS OVEREXPOSURES TO DECOMPOSITION PRODUCTS MAY CAUSE A
HEALTH HAZARD.

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

Spill Rel

ease Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL, REMOVE
ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES).
VENTILATE AREA. CONTAIN AND REMOVE INERT ABSORBENT AND NON-SPARKING
TOOLS.

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

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY
WITH OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES, FIRE,
OPEN FLAMES, AND SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS.
STORE
IN WELL VENTILATED AREAS .

Other Precautions:KEEP CONTAINERS TIGHT AND UPRIGHT TO PREVENT LEAKAGE.
PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. PROLONGED
OVEREXPOSURE MAY CAUSE AN ALLERGIC REACTION. AVOID CONTACT WITH
SKIN AND EYES. DO NOT TAKE INTERNALLY. DO NOT HANDLE UNTIL THE
MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ AND UN DERSTOOD.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED

OR APPROVED FOR

USED IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS OR MISTS BELOW THEIR RESPECTIVE TLV'S MUST BE UTILIZED.

Protective Gloves:PROTECTIVE GLOVES ARE RECOMMENDED

Eye Protection:SPLASH GUARDS OR SIDE SHIELDS, CHEMICAL GOGGLES OR FACE SHIELD.

Other Protective Equipment:THE USE OF LONG SLEEVES AND LONG LEG

CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE.

Supplemental Safety and Health

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

Boiling Pt:>107.8C, 226.F

B.P. Text:226-475F

Vapor Density:> AIR

Spec Gravity:1.20168

VOC Pounds/Gallon:464

Viscosity:THIN TO HEAVY MATERIAL

Evaporation Rate & Reference:0.4 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:GREEN LIQUID WITH SOLVENT ODOR

Percent Volatiles by

Volume:53.9%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURE, SPARKS, OR OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN

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

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTR

OL REGULATIONS. EMPTY

CONTAINERS MUST BE HANDLE WITH CARE, DUE TO PRODUCT RESIDUE AND
FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS.

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

SARA Title III Information:SARA 313 THIS PRODUCT CONTAINS THE
FOLLOWING CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF
SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW
ACT OF 1986 AND OF 40 CFR 372. 1330- 20-7 XYLENE 0.21% 100-41-4
ETHYL BEN
ZENE 0.25%

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