

DEFT, INC. -- 3:1 MIL-C-85285B,36251, TYPE I -- 8010-01-353-6551

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Product Identification
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Product ID:3:1 MIL-C-85285B,36251, TYPE I

MSDS Date:09/20/1996

FSC:8010

NIIN:01-353-6551

Status Code:A

MSDS Number: CKWWV

=== 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)4

24-9300

Chemtrec 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:5.

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-ETHOXYPROPANOAT

E

CAS:763-69-9

RTECS #:UF3325000

= Wt:5.

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/M3

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:2,4-PENTANEDIONE

CAS:123-54-6

RTECS #:SA1925000

< Wt:5.

Ingred Name:BUTYL CARBITOL ACETATE

CAS:124-17-4

RTECS #:KJ9275000

< Wt:5.

Ingred Name:METHYL N-AMYL KETONE

CAS:110-43-0

RTECS #:MJ5075000

ed Name:DIBUTYLTIN DILAURATE

CAS:77-58-7

RTECS #:WH7000000

< Wt:.1

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion: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: PROLONGED CONTACT WILL CAUSE DRYING AND CRACKING OF THE SKIN, DUE TO DEFATTING ACTION. SKIN SENSITIZATION, 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 PROTIEEN AND MOISTURE AND CAN CAUSE IRR.SYMPTOMS MAY BE SWELLING, REDNESS AND RASH.EYES:LIQUID AREOSOLS OR VAPORS ARE IRR AND MAY CAUSE TEARING, REDNES

S AND SWELLING ACCOMPANIED BY A STINGING SENSATION. INGESTION: CAN RESULT IN IRR. AND POSSIABLE 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 =====
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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 ANYTHIN

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

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. DURING EMERGENCY CONDS OVEREXPOSURE
TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS 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

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHLENE

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:=110.C, 230.F

B.P. Text:230-475 DEG F

Vapor Density:+ AIR

Spec Gravity:1.22809

VOC Pounds/Gallon:464

Viscosity:THIN LIQUID TO HEAVY

Evaporation Rate & Reference:N-BUTYL ACETATE 0.4

Solubility in Water:INSOLUABLE

Appearance and

Odor:GRAY LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:54.0

===== 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 H

DI.

===== 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 =====

SARA Title III Information:XYLENE, ETHYL BENZENE, TOULENE

State Regulatory Information:CALIFORNIA PROP 65

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

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