

DEFT, INC. -- TYPE I, POLYURETHANE MIL-PRF-85285C(85285B) -- 8010-01-380-1730

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Product Identification
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Product ID:TYPE I, POLYURETHANE MIL-PRF-85285C(85285B)

MSDS Date:05/30/2000

FSC:8010

NIIN:01-380-1730

Status Code:A

MSDS Number: CLFWN

=== 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:ERNEST CARTER

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

Code:F

RTECS #:AF7350000

= Wt:10.

OSHA PEL:710 MG/M3;150 PPM

OSHA STEL:200 PPM

ACGIH TLV:713 MG/M3;150 PPM

ACGIH STEL:950

MG/M3;200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL 3-ETHOXYPROPIONATE
CAS:763-69-9
RTECS #:UF3325000
< Wt:5.

Ingred Name:DISPERSION AID
< Wt:1.

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
< Wt:1.
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:ETHYLBENZENE
CAS:100-41-4
RTECS #:DA0700000
< Wt:.1
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:ISOBUTYL ALCOHOL
CAS:78-83-1
RTECS #:NP9625000
< Wt:.1
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:ANTI-FLOAT AGENT
CAS:1317-65-3
Code:F
RTECS #:EV9580000
< Wt:1.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:METHYL N-PROPYL KETONE
CAS:107-87-9
Code:F
RTECS #:SA7875000
= Wt:5.
OSHA PEL:700 MG/M3;200 PPM
ACGIH TLV:705 MG/M3;200 PPM
ACGIH STEL:881 MG/M3;250 PPM

Ingred Name:ANTI

MAR AGENT
CAS:9038-95-3
Code:F
RTECS #:MO0911000
< Wt:.1

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

Ingred Name:DIBUTYLTIN DILAURATE
CAS:77-58-7
RTECS #:WH7000000
< Wt:.1

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

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

Health Hazards Acute and Chronic:VAPORS ARE IRRITATING TO EYES, NOSE, THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING AND LOSS OF CONSCIOUSNESS.

PROLONGED CONTACT WILL CAUSE DRYING AND CRACKING OF THE SKIN, DUE TO DEFATT ING ACTION SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.

Effects of Overexposure:INHALATION: THE FOLLOWING PROGRESSIVE STEPS: HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, SKIN: SYMPTOMS MAY BE SWELLING, REDNESS, AND RASH. EYES: LIQUID, AREOSOLS, OR VAPORS ARE IRRITATING AND M AY CAUSE TEARING REDNESS, AND SWELLING ACCOMPANIED BY A STINGING SENSATION. INGESTION: CAN RESULT

IN IRRITATION AND POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY DISORDERS, SKIN ALLERGIES, ECZEMA, AND DERMITITTIS.

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

First Aid:INHALATION: MOVE TO AN AREA FREE FROM RISK OF FURTHER EXPOSURE. RESTORE BREATHING. SKIN: WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. EYES: FLUSH WITH CLEAN LUKEWARM WATER (LO

W

PRESSURE) FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=7.8C, 46.F

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:1.00%

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.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME.

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES).

VENTILATE AREA CONTAIN AND REMOVE WITH 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.

Other Precautions:KEEP CONTAINERS TIGHT AND UPRIGHT TO PERVENT LEAKAGE. PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. PROLONGED OVEREXPOSURE MAY CAUSE AN ALLERGIC REACTION. AVOID CONTACT WITH SKIN AND EYES.

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===== Ex
posure Controls/Personal Protection =====

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR USE.

Ventilation:EXHAUST VENTILATION SUFFICIENT.

Protective Gloves:PROTECTIVE GLOVES ARE RECOMMENDED.

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

Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING ARE RECOMMENDED.

Supplemental Safety and Health

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

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Boiling Pt:B.P. Text:175-401 DEG F
Melt/Freeze Pt:M.P/F.P Text:NONE
Decomp Temp:Decomp Text:NONE
Vapor Density:HEAVIER
Spec Gravity:1.33092
VOC Pounds/Gallon:295
Viscosity:THIN LIQUID TO HEAVY
Evaporation Rate & Reference:1.0 X N-BUTYL ACETATE
Solubility in Water:INSOLUBLE
Appearance and Odor:BLUE LIQUID WITH SOLVENT ODOR
Percent Volatiles by Volume:33.4

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING
AGENTS.
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AND
OXIDES OF NITROGEN.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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