

DEFT, INC. -- MIL-PRF-85285C(MIL-C-85285B) -- 8010-01-265-9143

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

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

MSDS Date:10/14/1997

FSC:8010

NIIN:01-265-9143

Status Code:A

MSDS Number: CLLTL

=== 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)424-9
300

Preparer's Name:HENRY SIMMONS

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

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

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

< Wt:5.

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:5000

LBS

Ingred Name:ETHYL 3-ETHOXYPROPIONATE

CAS:763-69-9

RTECS #:UF3325000

= Wt:5.

Ingred Name:C8&10 AROMATIC HYDROCARBON

CAS:64742-95-6

RTECS #:WF3400000

< Wt:1.

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE

CAS:108-65-6

RTECS #:AI8925000

< Wt:1.

Ingred Name:METHYL N-PROPYL KETONE

CAS:107-87-9

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

< 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:BENZENE, ETHYL-

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:DIBUTYLTIN DILAURATE

CAS:77-58-7

RTECS #:WH7000000

< Wt:.1

Ingred Name:CYRIC & TERTIARY AMINE

< Wt:1.

Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

t:1.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Ingred Name:N-METHYLPYRROLIDONE
CAS:872-50-4
RTECS #:UY5790000
< Wt:1.

===== 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. INHAL
ATION MAY CAUSE HEADACHE, 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: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 REPEATED CONTACT
CAN CAUSE MODERATE IRRITATIO N, 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.

===== 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. OBAIN 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 UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:=7.2C, 45.F

Lower Limits:.60%

Upper Limits:13.10%

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
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Spill Release 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
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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 H

AVE BEEN READ AND UN DERSTOOD.

===== 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:=100.6C, 213.F

B.P. Text:213-401F

Vapor Density:> AIR

Spec Gravity:1.55702

VOC Pounds/Gallon:275

Viscosity:THIN TO HEAVY MATERIAL

Evaporation Rate & Reference:0.93 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:31.4%

===== 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

===== Disp

osal Considerations =====

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL 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 0.05% 100-41-4 ETHYL BENZENE 0.02% 108-88-3 TOLUENE 0.12%

State Regulatory Information:PROP 65-TERATOGENIC WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. 108-88-3 TOLUENE

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