DEFT, INC. -- TYPE I, POLYRURETHANE MIL-PRF-85285C(MIL-C-85285B) -- 8010-01-359-9247

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

Product ID:TYPE I, POLYRURETHANE MIL-PRF-85285C(MIL-C-85285B)
MSDS Date:05/30/2000
FSC:8010
NIIN:01-359-9247
Status Code:A
MSDS Number: CLPRB
=== 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
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 P

PM
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: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:ANTI-FLOA
T AGENT
CAS:1317-65-3
Code:F
RTECS #:EV9580000
< Wt:1.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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.

Ingred Name:METHYL N-AMYL KETONE

PPM

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

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:VAPORS ARE IRRITATING TO EYES, NOSE AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING AND LOSS OF CONSCIOUSNESS. PROLONGED CONMTACT WILL CAUSE DRYING AND CRACKING OF THE SKIN, DUE TO DEF ATTING ACTION. SKIN SENSITIZATION. ASTHMA O
R OTHER ALLERGIC RESPONSES MAY DEVELOP.
Effects of Overexposure:INHALATION: IRRITATION OF RESPIRATORY TRACT NERVOUS SYSTEM STEPS HEADACHE, DIZZINESS, STAGGERING GAIT. SKIN:ISOCYANATESREACT CAN CAUSE SWELLING, REDNESS, AND RASH. EYES: VAPORS MAY CAUSE TEARING, REDN ESS, AND SWELLING ACCOMPANIED BY A STINGING SENSATION. INGESTION:CAN RESULT IN CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT. VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT, RESULTI NG IN CHE
MICAL PNEUMONITIS.
Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY DISORDERS SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

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

First Aid:INHALATION: MOVE TO AN AREA FREE FROM RISK OF FURTHER EXPOSURE. RESTORE BREATHING. OBTAIN MEDICAL ATTENTION. SKIN: WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. EYES: FLUSH WITH CLEAN LUKE WARM WATER (LOW PRESSURE) FOR AT LEAST 15 MINUTES, OCCASIONALLY L
IFTING EYELIDS.OBTAIN MEDICAL ATTENTION. INGESTION:
DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL AT TENTION.

========== 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 BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUIL D 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 OVEREXPOSURE TO DECOMPOSITION PR
ODUCTS MAY CAUSE A
HEALTH HAZARD.

========== 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.

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

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

Other Precautions:KEEP CONTAINERS TIGHT AND UPRIGHT TO PREVENT LEAKAGE. PREVENT PROLONGED BREATHING OF VAPOR OR SPRAY MISTS. PROLONGED OVEREXPOSURE MAY CAUSE AN ALLERGIC REACTION. AVOID CONTACT WITH SKIN AND EYES. DO N OT TAKE INTERNALLY.

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

Respiratory Protection:A RESPIRATOR THAT IS
RECOMMENDED OR APPROVED FOR
USE 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 AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS OR MISTS BELOW THEIR RESPECTIVE TLVS MUST BE UTILIZED. REMOVE IGNITION SOURCES.

Protective Gloves:PROTECTIVE GLOVES ARE RECOMMENDED.(NEOPRENE, COTTON, RUBBER POLYETHYLENE)

Eye Protection:SPLASH GUARDS OR SIDE SHIELDS, CHE

MICAL GOGGLES OR FACE
SHIELDS.
Other Protective Equipment:THE USE OF LONG SLEEVE ANDLONG LEG CLOTHING
IS RECOMMENDED.
Supplemental Safety and Health

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

Vapor Density:HEAVIER
Spec Gravity:1.20648
VOC Pounds/Gallon:464
Viscosity:THIN LIQUID TO HEAVY
Evaporation Rate & Reference:0.4 X N-BUTYL ACETATE
Solubility in Water:INSOLUBLE
Appearance and Odor:GRAY LIQUID WITH SOLVENT ODOR
Percent Volatiles by Volume:53.8%

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========== 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, S
TATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

ity of this information to their particular situation.