

DEFT, INC. -- POLYURETHANE -- 8010-01-441-5943

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Product Identification
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Product ID:POLYURETHANE
MSDS Date:05/30/2000
FSC:8010
NIIN:01-441-5943
Status Code:A
Kit Part:Y
MSDS Number: CLFZT
=== 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:ER
NEST 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:PROPYLENE GLYCOL NONONETHYL ETHER ACETATE
CAS:108-65-6
Code:F
RTECS #:AI8925000
< Wt:5.

Ingred Name:N-BUTYL ACETATE
CAS:123-86-4
RTECS #:AF7350000
= Wt:10.
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:METHYL N-AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
= Wt:30.
OSHA PEL:465 MG/M3;100 PPM
ACGIH TLV:233 MG/M3;50 PPM

Ingred Name:C8&10 AROMATIC HYDROCARBON
CAS:64742-95-6
Code:F
RTECS #:WF3400000
< Wt:1.

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

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

Ingred Name:ANTI MAR AGENT
< Wt:.1

Ingred Name:LYCLIC &
TERTIPRY AMINE
< Wt:1.

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

Ingred Name:DIBUTYLTIN DILAURATE
CAS:77-58-7
RTECS #:WH7000000
< Wt:.1
OSHA PEL:1 MG/M3
OSHA STEL:1 MG/M3

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

LD50 LC50 Mixture:NONE
Health Hazards Acute and Chronic:VAPORS ARE IRRITATING TO EYES, NOSE,
AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING AND
LOSS OF CONSCIOUSNESS. PROLONGED CONTACT WIL

L CAUSE DRYING AND

CRACKING OF THE SKIN, DUE TO DEF ATTING ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: FOLLOWING PROGRESSIVE STEPS: HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN: CONTACT WITH THE SKIN CAN CAUSE IRRITATION,. SYMPTOMS MAY BE SWELLING, REDNESS, AND RASH. EYES: LIQUID, AREOSOLS, OR VAPORS ARE IRRITATING AND MAY CAUSE TEARIN

G, 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 DERMATITIS.

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===== 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 LUKEWARM WA TER (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 ATT ENTION.

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

Flash Point Method:TCC
Flash Point:=24.4C, 76.F
Autoignition Temp:Autoignition Temp Text:NONE
Lower
Limits:1.00%
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.
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO HEAT.

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===== Acciden

tal 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.

Neutralizing Agent:NONE

===== 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 UNDERSTOOD.

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

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

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATIONS.

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 IS RECOMMENDED.

Work Hygienic Practices:NONE

Supplemental Safety and Health
NONE

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

Boiling Pt:B.P. Text:260-401 DEG F

Melt/Freeze Pt:M.P/F.P Text:NONE

Decomp Temp:Decomp Text:NONE

Vapor Density:>AIR

Spec Gravity:1.04682

Viscosity:THIN LIQUID TO HEAVY

Evaporation Rate & Reference:0.00 A N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:OPAQUE LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:58.3

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

Stability Indicator/Materials to Avoid:YE

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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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