

DEFT INC -- 1-COAT, TT-P-2756,13655

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MSDS Safety Information
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FSC: 8010
NIIN: 01-358-3427
MSDS Date: 10/14/1997
MSDS Num: CKJBX
Product ID: 1-COAT, TT-P-2756,13655
MFN: 01
Responsible Party
Cage: 33461
Name: DEFT INC
Address: 17451 VON KARMAN AVE
City: IRVINE CA 92614
Info Phone N
umber: 949-474-0400
Emergency Phone Number: 800-424-9300
Preparer's Name: NORM GAUL
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 33461
Name: DEFT, INC.
Address: 17451 VON KARMAN AVE
City: IRVINE CA 92614
Phone: 949-474-0400

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Item Description Information
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Item Manager: GSA
Item Name: POLYURETHANE COATING
Specification Number: TT-P-2756
Unit of Issue: KT
UI Container Qty: 0
Type of Container: KT

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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Rou

te Of Entry Inds - Inhalation: YES

Skin: YES

Effects of Exposure: 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.

Signs And Symptions Of Overexposure: INHALATION: IRRITATION OF THE RESPIRATORY TRACT AND ACUTE NERVOUS SYSTEM DEPRESST

ION CHARACTERIZED BY THE FOLLOWING

PROGRESSIVE STEPS: HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNES S OR COMA. SKIN AND EYE CONTACT: CONTACT WITH THE SKIN CAN CAUSE IRRITATION. SYMPTOMS MAY BE SWELLING, REDNESS, AND RASH. EYES: LIQUID, AREOSOLS, OR VAPORS ARE IRRITATING AND MAY CAUSE TEARING, R EDNESS, AND SWELLING ACCOMPANIED BY A STINGING SENSATION. SKIN ABSORPTION: PROLONGED OR REPEATED CONTACT CAN CAUSE MODEATE IRRITATION, DRYING, AND DEFATTING OF THE

SKIN WHICH CAN CAUSE THE SKIN TO C RACK. *

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

First Aid: INHALATION: MOVE TO AN AREA FREE FROM RISK OF FUTHER EXPOSURE. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP AND MAY BE IMMEDIATE OR DELAYED BY SEVERAL HOURS. OBTAIN MEDICAL ATTENTION. S KIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHI

NG THOROUGHLY BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER (LOW PRESSURE) F OR 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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Handling and Disposal

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Spill Release Procedures: EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL S

SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES). VENTILATE AREA CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Waste Disposal Methods: WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE AND GLAMMBLE VAPOR DO NOT I NCINERATE CLOSED CONTAINERS.

Handling And Storage Precautions: STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106 AVOID S

TORING NEAR HIGH TEMPERATURES, FIRE, OPEN FLAMES, AND SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN WELL VENTILATED ARE AS.

Other Precautions: KEEP CONTAINERS TIGHT AND UPRIGHT TO PREVENT LEAKAGE.

PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. PROLONGED OVEREXPOSURE

MAY CAUSE AND ALLERGIC REACTION. AVOD CONTACT WITH SKIN AND EYES. DO NOT TAKE INTERNALLY. DO NOT HANDLE UNTIL THE MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ AN D UNDERSTOOD.

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Fire and Explosion Hazard Information

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Flash Point Method: TCC

Flash Point: =7.8C, 46.F

Flash Point Text: 46F

Lower Limits: 1

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 MA

Y BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD -UP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard: KEEP CNTAINRS TIGHTLY CLOSED. ISLATE FROM HEAT, SPRKS, ELCTRCL EQPMNT & OPEN FLAME. CLOSED CNTAINRS MAY EXPLDE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFCS RQUIRES SPCIAL PRCAUTIONS. DURING EMRGNCY CNDTIONS OVERXPOSURE TO DECOMPOSITION PRDCTS MAY CAUSE A HEALTH HAZARD. SYMPTMS MAY NOT BE IMMDIATLY APPRNT.

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Control Measures

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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 THE AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS OR MISTS BELOW THEIR RESPECTIVE TLV'S MUST BE UTILIZED.

Protective Gloves: COTON, NEOPRENE UR RU

BBER POLYTHILEN

Eye Protection: SAFETY GLASSES WITH SPLASH GUARDS OR SIFE SHIELDS, CHEMICAL GOGGLES.

Other Protective Equipment: THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. REMOVE ALL IGNITION SOURCES (HEAT, SPARKS, FLAME, AND HOT SURFACES).

Work Hygienic Practices: WASH HANDS BEFORE EATING, SMOKING, OR USING WASHROOM. SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health: VENTILATION SHOULD BE PROVIDED TO KEEP EXPOSURE

LEVELS BELOW THE OSHA PERMISSIBLE LIMITS. IF TLV LIMITS CAN BE MAINTAINED AND DOCUMENTED BELOW THE OSHA/ACGIH LIMITS, AN AIR SUPPLIED RESPIRATOR MAY NO T BE REQUIRED. HOWEVER, OTHER OSHA/NIOSH APPROVED RESPIRATORS MAY BE USED.

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Physical/Chemical Properties
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Boiling Point: >100.6C, 213.F

B.P. Text: 213-401 DEG F

Vapor Density: >AIR

Spec Gravity: 1.2485

VOC Grams/Li

ter: 285

Viscosity: THIN-THICK

Evaporation Rate & Reference: 1.18 X N-BUTYL ACETATE

Solubility in Water: INSOLUBLE

Appearance and Odor: YELLOW LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume: 33.0%

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERAUTRES, SPARKS, OR OPEN FLAMES.

Materials To Avoid: STRONG OXIDIXING AGENTS.

Hazardous Decompositi

on Products: BY HIGH HEAT/TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Toxicological Information: THIS PRODUCT SONTAINS THE FOLLOWING TOXIC 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: X

XYLENE,
XYLLEW TITANATE PIGMENT AND ETHYL BENZENE.

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Ecological Information
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MSDS Transport Information
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Transport Information: APPLICABLE REGULATIONS: 49 CFR YES PROPER SHIPPING NAME:
PAINT UN: 1263 HAZARD CLASS: FLAMMABLE LIQUID 3 REQUIRED LABELS:
FLAMMABLE LIQUID
U.S. POSTAL REGULATION: NOT ALLOWED TO SEND VIA US POSTAL
SERVICE.

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Regulatory Information
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Sara Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC 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: 1)
XYLENE, 2) ETHYL BENZENE.

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Other Information
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Other Information: INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY
OF ANY KIND. EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO
OTHER INFORMATION GATHERED BY THEM AND MUST MAKE INDEPENDENT DETERMINATIONS
OF SUITABILITY AND COMPLETENESS OF INFORMATION FROM ALL SOURCES TO ASSURE
PROPER USE OF THE MATERIALS AND FOR THE SAFETY AND HEALTH OF THEIR EMPLOYEES.
HAZARD RATING
S: HEALTH: 3, FIRE: 3, REACTIVITY: 1

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Transportation Information
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Responsible Party Code: 33461
Trans ID NO: 152520
Product ID: 1-COAT, TT-P-2756,13655
MSDS Prepared Date: 10/14/1997
Review Date: 09/09/1999
MFN: 1
Multiple KIT Number: 0
Unit Of Issue: KT
Container QTY: 0
Type Of Container: KT

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Detail DOT Information
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DOT PSN Code: LFD
DOT Proper Shipping Name: PAINT
DOT PSN Modifier: INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
VARNISH, POLISH, LIQUID FILLER, AND LIQUID LACQUER BASE
Hazard Class: 3
UN ID Num: UN1263
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 173
Bulk Pack: 242
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: B
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Detail IMO Information
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IMO PSN Code: LCP
IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL
IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT
THINNING OR REDUCING COMPOUND) o
IMDG Page Number: 3268
UN Number: 1263
UN Hazard Class: 3.2
IMO Packaging Group: I/II *
Subsidiary Risk Label: -
EMS Number: 3-05
MED
First Aid Guide NUM: 310
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Detail IATA Information
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IATA PSN Code: SXI
IATA UN ID Num: 1263
IATA Proper Shipping Name: PAINT
IATA PSN Modifier: (INCLUDING
PAINT,LACQUER,ENAMEL,STAIN,SHELLAC,VARNISH,POLISH,LIQUID FILLER AND LIQUID
LACQUER BASE)
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packagi

ng Note Cargo: 307

Exceptions: A7,A72

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Detail AFI Information
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AFI PSN Code: SXI

AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL

AFI PSN Modifier: (INCLUDING PAINT,LACQUER,ENAMEL,STAIN,SHELLAC SOLUTIONS,VARNISH,POLISH,LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT THINNING OR REDUCING COMPOUNDS)

AFI Hazard Class: 3

AFI UN ID NUM: UN1263

AFI Packing Group: II

Sp

Special Provisions: P5

Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: 1-COAT, TT-P-2756,13655

Cage: 33461

Company Name: DEFT, INC.

Street: 17451 VON KARMAN AVE

City: IRVINE CA

Zipcode: 92614

Health Emergency Phone: 800-424-9300

Label Required IND: Y

Date Of Label Review: 04/19/2000

Status Code: A

Origination Code: G

Hazard And Precautions: 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.

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