

DEFT INC -- 1-COAT,TT-P-2756,30219

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MSDS Safety Information  
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FSC: 8010  
NIIN: 01-376-3708  
MSDS Date: 02/28/1994  
MSDS Num: CKKWG  
Product ID: 1-COAT,TT-P-2756,30219  
MFN: 02  
Responsible Party  
Cage: 33461  
Name: DEFT INC  
Address: 17451 VON KARMAN AVE  
City: IRVINE CA 92614  
Info Phone Number: 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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Rout

e 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 Symptoms Of Overexposure: INHALATION: IRRITATION OF THE RESPIRATORY TRACT AND ACUTE NERVOUS SYSTEM DEPRESSTI

ON 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 S

KIN 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 CLOTHIN

G 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 SO  
URCES 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 ST

ORING 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 MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND 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: 1.00%

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. WATER

MAY BE 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 & OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT.

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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 U

R RUBBER 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 K EEP 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.

Physical/Chemical Properties

Boiling Point: >110.C, 230.F

B.P. Text: 230-401 DEG F

Vapor Density: HEAVIER

Spec Gravity: 1.27491

VOC Gram

s/Liter: 415

Viscosity: THIN-THICK

Evaporation Rate & Reference: 0.64 X N-BUTYL ACETATE

Solubility in Water: INSOLUBLE

Appearance and Odor: BROWN LIQUID/SOLVENT ODOR

Percent Volatiles by Volume: 47.7

Reactivity Data

Stability Indicator: YES

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

Materials To Avoid: STRONG OXIDIXING AGENTS.

Hazardous Decomposition

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

Hazardous Polymerization Indicator: NO

Toxicological Information

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: XYLE

NE,  
YELLOW 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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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.

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Transportation Information  
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Responsible Party Code: 33461  
Trans ID NO: 152885  
Product ID: 1-COAT,TT-P-2756,30219  
MSDS Prepared Date: 02/28/1994  
Review Date: 09/10/  
1999  
MFN: 2  
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  
Spec

ial 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 (INCLU  
DING 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,LIQ  
UID 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  
Packaging 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  
SOLU

TIONS,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  
Special Provisions: P5  
Back Pack Reference: A7.3

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HAZCOM Label  
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Product ID: 1-COAT,TT-P-2756,30219  
Cage: 33461  
Company Name: DEFT, INC.  
Street: 17451 VON KARMAN AVE  
City: IRVINE CA  
Zipcode: 92614  
Health Emergen  
cy Phone: 800-424-9300  
Label Required IND: Y  
Date Of Label Review: 05/08/2000  
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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