

DEFT INC -- CAT, 1-COAT, TT-P-2756,30219 -- 8010-01-376-3708

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

Product ID:CAT, 1-COAT, TT-P-2756,30219

MSDS Date:02/28/1994

FSC:8010

NIIN:01-376-3708

Status Code:A

MSDS Number: CKKWH

=== 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

Prep

Preparer's Name:JULIETTE LIM

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:15.

OSHA PEL:150 PPM

OSHA STEL:200 PPM

ACGIH TLV:150 PPM

ACGIH STEL:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETH

YL 3-ETHOXYPROPANOATE

CAS:763-69-9

RTECS #:UF3325000

= Wt:20.

Ingred Name:ALIPHATIC ISOCYANATE

= Wt:60.

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

Health Hazards Acute and Chronic: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.

Effects of Overexposure:INHALATION: IRRITATION OF THE RESPIRATORY TRACT AND ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS: HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. 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 OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DRYING, AND DEFATTING OF THE SKIN WHICH CAN CAUSE THE SKIN TO CRACK. \*

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.

ASTHMATIC TYPE SYMPTOMS MAY DEVELOP

AND MAY BE IMMEDIATE OR DELAYED BY SEVERAL HOURS. OBTAIN MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING THOROUGHLY 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.

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

Flash Point Method:TCC

Flash Point:=7.8C, 46.F

TCC 46F

Lower Limits:1.000%

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  
CONTAIN

ERS TO PREVENT PRESSURE BUILD -UP, AUTO IGNITION OR  
EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CNTAINRS TIGHTLY CLSED. ISLTE FROM  
HEAT, SPRKS, ELCTRCL EQPMNT &OPEN FLAME. CLSED CNTAINRS MAY EXPLDE  
WHEN EXPSD TO EXTRME HEAT. APPLCATION TO HOT SRFCE S RQUIRES  
SPCIAL PRCAUTIONS. DURING EM RGNCY CNDITIONS OVERXPOSURE TO  
DECMPSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE  
IMMEDIATELY APPARENT.

===== 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 BUILDINGS DESIGNED TO COMPLY  
WITH OSHA 1910.106 AVOID STORING NEAR HIGH TEMPERATURES, FIRE, OPEN  
FLAMES, AND SPARK SOURCES. STORE IN TIGHTLY CLOSE  
D 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.

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

Respiratory Protection:A RES

PIRATOR 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 SHOULD BE PROVIDED TO KEEP EXPOSURE LEVELS BELOW THE OSHA PERMISSIBLE LIMITS. \*\*

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 ( COTTON, NEOPRENE, RUBBER POLYTHYLENE)

Eye Protection:GOGGLES FACE SHIELD, SPLASH GUARD OR SIDE SHEILDS.

Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

\*\*IF TLV LIMITS CAN BE MAINTAINED AND DOCUMENTED BELOW THE OSHA/ACGIH LIMITS, AN AIR SUPPLIED RESPIRATOR MAY NOT BE REQUIRED. HOWEVER, OTHER OSHA/NIOSH APPROVED RESPIRATORS MAY BE USED. REMOVE ALL IGNITION SOURCES ( HEAT, SPARKS, FLAME, AND HOT SURFACES).

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

Boiling Pt:>126.7C, 260.F

B.P. Text:260-460F

Vapor Density:HEAVIER

Spec Gravity:1.03121

VOC Pounds/Gallon:400

Viscosity:THIN-THICK

Evaporation Rate & Reference:0.47 X BUTYL ACETATE

Solubility in Water:INSOLLUBLE

Appearance and Odor:AMBER LIQUID W/SOLVENT ODOR

Percent Volatiles by Volume:41.7

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

S

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES.

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

===== Toxicological Information =====

Toxicological Information:\*INGESTION: ACUTE: CAN RESULT IN IRRITATION AND POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT. VOMITING M

AY CAUSE ASPIRATION OF THE SOLVENT,  
RESULTING IN CHEMICAL PNEUMONITIS. 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: XYLENE, YELLOW TITANATE PIGMENT  
AND ETHYL BENZENE.

===== Disposal Considerations =====

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  
FLAMMABLE VAPOR DO NOT INCINERATE CLOSED CONTAINERS.

===== MSDS Transport Information =====

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.

=====  
===== Regulatory Information =====

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  
40 CFR 372: 1330-20-7 XYLENE, 100-41-4 ETHYL BENZENE

State Regulatory Information:

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.