

DEFT, INC -- 1-COAT, 16473 PC 03GY374 -- 8010-01-344-3220

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

Product ID:1-COAT, 16473 PC 03GY374  
MSDS Date:06/14/1991  
FSC:8010  
NIIN:01-344-3220  
Kit Part:Y  
MSDS Number: BRHDS  
=== Responsible Party ===  
Company Name:DEFT, INC  
Address:17451 VON KARMAN AVE  
City:IRVINE  
State:CA  
ZIP:92714  
Country:US  
Info Phone Num:714-474-0400  
Emergency Phone Num:800-424-9300 CHEMTREC  
Prep  
Preparer's Name:NORM GAUL  
CAGE:5M511  
=== 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  
Company Name:DEFT, INC  
Address:17451 VON KARMAN AVE  
City:IRVINE  
State:CA  
ZIP:92714-6205  
Country:US  
Phone:714-474-0400  
CAGE:5M511

===== Composition/Information on Ingredients =====

Ingredient Name:N-BUTYL ACETATE (VAPOR PRESSURE 13 MM HG @ 68F)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt:

5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:150 PPM/STEL 200 PPM  
ACGIH TLV:150 PPM/STEL 200 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL-3-ETHOXYPROPIONATE (VAPOR PRESSURE .7 MM HG @ 68F)  
CAS:763-69-9  
RTECS #:UF3325000  
Fraction by Wt: 10%  
Other REC Limits:50PPM-TWA;STEL100PPM

Ingred Name:ANTISETTLING AGENT  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE (VAPOR PRESSURE 22 MM HG @ 68F) (SARA 313)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 2.4%  
Ot  
her REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:DISPERSION AID  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED

Ingred Name:XYLENE (VAPOR PRESSURE 21 MM HG @ 100F) (SARA 313)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 0.24%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/STEL 150 PPM  
ACGIH TLV:100 PPM/STEL 150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:FLOW AGENT  
Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

Ingred Name:ANTI-FLOAT AGENT

CAS:52810-40-9

Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL N-AMYL KETONE (VAPOR PRESSURE 2.1 MM HG @ 68F)

CAS:110-43-0

RTECS #:MJ5075000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:50 PPM

Ingred Name:FLOW AGENT

CAS:26376-86-3

Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

Ingred Name:ANTI MAR AGENT

Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

Ingred Name

:ETHYL BENZENE (VAPOR PRESSURE 7.1 MM HG @ 68F) (SARA 313)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 0.07%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/STEL 125 PPM

ACGIH TLV:100 PPM/STEL 125 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:DIBUTYLTIN DILAURATE (VAPOR PRESSURE .2 MM HG @ 320F)

CAS:77-58-7

RTECS #:WH7000000

Fraction by Wt: < 0.1%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:.1 MG/M3

Ingred Name:2-4 PENTANEDIONE (VAPOR PRESSURE 6.9 MM HG @ 68F)

CAS:123-54-6

RTECS

#:SA1925000  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 280 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: VAPORS IRRITATING TO EYES,  
NOSE, THROAT. INHALATION CAUSE HEADACHES, DIFFICULT BREATHING &  
LOSS OF CONSCIOUSNESS. CHRONIC: SKIN SEN  
SITIZATION, ASTHMA, OR  
OTHER ALLERGIC RESPONSES. VOMITING CAUSE ASPIRATION OF SOLVENT,  
RESULT CHEMICAL PNEUMONITIS. PROLONGED CONTACT CAUSE  
DRYING/CRACKING SKIN,DUE TO DEFATTING ACT.  
Explanation of Carcinogenicity:PROP 65-CARCENOGENIC. CONTAINS  
CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.  
Effects of Overexposure:INHALATION: HEADACHE, DIZZINESS, STAGGERING  
GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN/EYE: IRRITATION.  
SWELLING, REDNESS, & RASH. EYES: LIQ  
UID, AREOSOLS, VAPORS ARE  
IRRITATING. MAY CAUSE TEARING, REDNESS, SWELLING, & STINGING  
SENSATION. INGESTION: IRRITATION & CORROSIVE ACTION TO MOUTH,  
STOMACH, DIGESTIVE TRACT.  
Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY  
DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC  
TYPE SYMPTOMS MAY DEVELOP & MAY BE IMMEDI  
ATE/DELAYED. GET MEDICAL  
ATTENTION. SKIN: WASH AFFECTED AREAS W/SOAP & WATER. EYES: FLUSH  
W/CLEAN LUKEWARM WATER (LOW PRESSURE) FOR AT LEAST 15 MINUTES,  
OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTION: DO  
NOT INDUCE VOMITING. DON'T GIVE ANYTHING TO UNCONSCIOUS PERSON. GET  
MED ATTN.

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

Flash Point Method:TCC  
Flash Point:45.0F,7.2C  
Lower Limits:1.00 %  
Upper Limits:11.40 %  
Extinguishing Media:FOA

M, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:FULL FIRE FIGHTING EQUIPMENT W/SELF-CONTAINED BREATHING APPARATUS. WATER USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT, SPARKS, & OPEN FLAME. CLOSED CONTAINERS EXPLODE EXPOSED TO EXTREME HEAT. OVEREXP TO DECOMP PROD CAUSE HEALTH HAZARD. SYMP NOT IMMED 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 W/OSHA 1910.106 AVOID STORING NEAR HIGH TEMP.,FIRE,OPEN FLAME,SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS.

Other

Precautions:KEEP UPRIGHT/TIGHT TO PREVENT LEAKAGE. DON'T BREATH VAPORS, SPRAY MISTS. AVOID CONTACT WITH SKIN, EYES. DON'T INGEST. DO NOT HANDLE UNTIL THE MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ & UNDERSTOOD. SMOKE IN DESIGNATED AREAS ONLY.

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

Respiratory Protection:RESPIRATOR THAT IS RECOMMENDED/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

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE.

Eye Protection:CHEMICAL GOGGLES, FULL-FACE SHIELD.

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

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING

G

WASHROOM.

Supplemental Safety and Health

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

HCC:F3

Boiling Pt:B.P. Text:230 TO 401F

Vapor Density:> AIR

Spec Gravity:1.39136

Evaporation Rate & Reference:0.61 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:GRAY LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:31.0

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

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

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

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.