

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 =====

Ingred 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

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===== Hazards Identification =====  
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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.

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

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

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