

DEFT INC CHEMICAL COATING DIV -- TT-P-2756, 36118, 1-COAT PC03GY381 -- 8010-01-354-0969  
===== Product Identification =====

Product ID:TT-P-2756, 36118, 1-COAT PC03GY381  
MSDS Date:06/07/1991  
FSC:8010  
NIIN:01-354-0969  
Kit Part:Y  
MSDS Number: BQDVW  
=== Responsible Party ===  
Company Name:DEFT INC CHEMICAL COATING DIV  
Address:17451 VON KARMAN AVE  
City:IRVINE  
State:CA  
ZIP:92714-6205  
Country:US  
Info Phone Num:714-474-0400  
Emergency Phone Num:800-424-9300 CHEMTREC  
Preparer's Name:NORM GAUL  
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 (VP: 13 MMGH @ 68F)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:150 PPM/STEL 200  
ACGIH TLV:15

0 PPM/STEL 200  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL-3-ETHOXYPROPIONATE (VP: .7 MMGH @ 68F)  
CAS:763-69-9  
RTECS #:UF3325000  
Fraction by Wt: < 5%  
Other REC Limits:50 PPM TWA/STEL 100

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

Ingred Name:TOLUENE (SARA 313) (VP: 22 MMGH @ 68F)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: < 5%  
Other 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 (SARA 313) (VP: 21 MMGH @ 100F)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/STEL 150  
ACGIH TLV:100 PPM/STEL 150  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ANTI-FLOAT AGENT  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED

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

Ingred N

ame:METHYL N-AMYL KETONE (VP: 2.1 MMGH @ 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:ANTI MAR AGENT  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ETHYL BENZENE (SARA 313) (VP: 7.1 MMGH @ 68F)  
CAS:100-41-4  
RTECS #:DA0700000  
Fraction by Wt: < 0.1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/STEL 125  
ACGIH TLV:100 PPM/STEL 125  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:FL  
OW AGENT  
CAS:26376-86-3  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED

Ingred Name:DIBUTYLTIN DILAURATE (VP: .2 MMGH @ 320F)  
CAS:77-58-7  
RTECS #:WH7000000  
Fraction by Wt: < 0.1%  
Other REC Limits:NONE SPECIFIED  
ACGIH TLV:.1MG/M3

Ingred Name:2-4 PENTANEDIONE (VP: 6.9 MMGH @ 68F)  
CAS:123-54-6  
RTECS #:SA1925000  
Fraction by Wt: < 5%  
Other REC Limits:TLV 20 PPM-TWA

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Re

ports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: VAPORS ARE IRRITATING TO EYES, NOSE, AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING, LOSS OF CONSCIOUSNESS. CHRONIC: MAY CAUSE DRYING AND CRACKING OF SKIN, DUE TO DEFATTING ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP. MAY CAUSE LIVER AND KIDNEY DAMAGE.

Effects of Overexposure:INHAL: RESP TRACT IRRIT, NERV SYS DEPRESS W/HEADACHE-DIZZY-

STAG GAIT-CONFUSION-UNCONSCIOUSNESS-COMA. EYE: IRRIT, POSS TEARING-REDNESS-SWELLING W/STINGING SENSATION. SKIN: IRRIT W/SWELLING-REDNESS-RASH . INGEST: IRRIT, POSS CORROSIVE ACTION IN MOUTH-STOMACH TISSUE-DIGEST TRACT. POSS ASPIRATION W/VOMITING-CHEM PNEUMONITIS

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

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

First Aid:INHAL: MOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS-MAY BE IMMEDIATE OR DELAYED BY SEVERAL HOURS-GET MED AID. SKIN: REMOVE CONTAMINATED CLOTHING-WASH BEFORE REUSE. WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER (LOW PRESSURE) 15 MINUTES, LIFTING LIDS-GET MED AID. INGEST: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON-GET MED AID.

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

Flash Point Method:TCC

Flash Point:45.0F,7.2C

Low

Lower Limits:1.00%

Upper Limits:11.40%

Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:FULL FIRE FIGHTING EQUIPMENT W/SCBA AND FULL PROTECTIVE CLOTHING. MAY USE WATER TO COOL CLSD CONTAINERS TO PREVENT PRESSURE BUILD-UP, AUTO IGNITION OR EXPLOSION

Unusual Fire/Explosion Hazard:KEEP CNTNR CLSD TIGHT-MAY EXPLODE W/HEAT. ISOLATE FROM HEAT/IGNIT SOURCES. SPECIAL PRECAUTION W/APPLIC TO HOT SURFACES. OVEREXPOSURE-HEALTH HAZ-SYMPTOMS DELAYED

==

===== 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 BLDG THAT COMPLY W/OSHA 1910.106. AVOID STOR NEAR HIGH TEMP/FIRE/OPEN FLAMES/SPARK SOURCES.

STORE IN TIGHTLY CLSD CNTNRS IN WELL VENT AREAS

Other Precautions:KEEP CONTAINERS TIGHT AND UPRIGHT TO PREVENT LEAKAGE. PREVENT BREATHING OF VAPORS/SPRAY MIST. POSSIBLE ALLERGIC REACTION. AVOID CONTACT WITH EYES AND SKIN. DO NOT INGEST. DO NOT HANDLE UNTIL MFR SAFETY PRECAUTIONS ARE READ AND UNDERSTOOD.

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

Respiratory Protection:RESP FOR ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING-FRESH AIR SUPPLIED). OBSERVE OSH

A REG. PROVIDE VENT TO

KEEP EXPOS LEVELS BELOW PEL. IF TLV LIMITS MAINTAINED BELOW OSHA/ACGIH LIMITS-AIR RESP MAY NOT BE REQ. MAY USE OTHER OSHA/NIOSH RESP

Ventilation:EXHST VENT TO KEEP AIRBORNE CONC OF SOLVENT VAPORS/MIST BELOW TLV'S MUST BE UTILIZED. REMOVE ALL IGNITION SOURCES.

Protective Gloves:COTTON-NEOPRENE-RUBBER POLYETHYLENE

Eye Protection:SPLSH GUARD/SIDE-FACE SHIELD/CHEM GOGGLE

Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED.

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

Supplemental Safety and Health

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

HCC:F2

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

Vapor Density:> THAN AIR

Spec Gravity:1.27251

Evaporation Rate & Reference:0.65 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:GRAY LIQUID WITH SOLVENT ODOR

Percent Volatile

===== 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: DISPOSE OF IN ACCORDANCE W/FEDERAL-STATE-LOCAL ENVIRONMENTAL

CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED W/CARE-DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS. EPA HAZARDOUS WASTE NUMBER/CODE: D001-F003-F005

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.