

DEFT INC CHEMICAL COATING DIV -- TT-P-2756, 37038, 1-COAT PC 03BK098 -- 8010-01-340-8713
===== Product Identification =====

Product ID:TT-P-2756, 37038, 1-COAT PC 03BK098
MSDS Date:02/10/1992
FSC:8010
NIIN:01-340-8713
Kit Part:Y
MSDS Number: BQGWF
=== Responsible Party ===
Company Name:DEFT INC CHEMICAL COATING DIV
Address:17451 VON KARMAN AVE
City:IRVINE
State:CA
ZIP:92714-6205
Country:US
Info Ph
one 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 (VAPOR PRESSURE 13 MM HG @ 68F)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 20%
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: < 5%
Other REC Limits:TWA 50 PPM/STEL 100

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

Ingred Name:TOLUENE (SARA 313) (VAPOR PRESSURE 22 MM HG @ 68F)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 0.89%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
AC
GIH 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) (VAPOR PRESSURE 21 MM HG @ 100F)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 0.33%
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: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: 0.09%
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:FLOW 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:.1 MG/M3

Ingred Name:2-4 PENTANEDIONE (VP: 6.9 MMGH @ 68F)
CAS:123-54-6
RTECS #:SA1925000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:20 PPM-TWA

Ingred Name:VOC: 432 (GRAMS/LITER)
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, 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. POSS LIVER/KIDNEY DAMAGE
Effects of Overexposure:INHAL: IRRIT-RESP TRACT/ACUTE
NERV SYS DEPRESS
W/HEADACHE/DIZZY/STAG GAIT/CONFUSION/UNCONSCIOUS/COMA. SKIN: IRRIT
W/SWELL-RED-RASH. ABSORP: IRRIT/DRYING/DEFAT. EYE:
LIQ/AREOSOLS/VAPORS-IRRIT W/TEAR/RED/SWELL W/STING SENSATION.
INGEST: IRRIT. CORROSIVE IN MOUTH/STOMACH TISSUE/DIGEST TRACT.
VOMIT ASPIR-CHEM PNEUMONITIS
Medical Cond Aggravated by Exposure:ASHTMA AND ANY OTHER RESPIRATORY
DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

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

===== 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:FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL,
WATER FOG
Fire Fighting Procedures:FULL FIRE FIGHTING EQUIP W/SCBA AND FULL
PROTECTIVE CLOTHING. MAY USE WATER TO COOL CLOSED CONTAINERS TO
PREVENT PRESSURE BUILD-UP, AUTO IGNITION OR EXPLOSION.
Unusual Fire/Explosion Hazard:KEEP CNTRS CLSD TIGHT. ISOLATE FROM
HEAT/SPARKS/ELECT EQUIP/OPEN FLAME. EXPLODE W/EXTREME HEA

T. SPEC

PRECAUTN W/APPLIC TO HOT SURFACES. HEALTH HAZ/SYMP 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 DESIGNED TO COMPLY

W/OSHA 1910.106. AVOID STORAGE BY HIGH TEMP/FIRE/OPEN FLAME/SPARK SRC. STORE IN TIGHT CLSD CNTNRS AND WELL VENT AREAS

Other Precautions:KEEP CONTAINER TIGHT/UPRIGHT-PREVENT LEAK. PREVENT PROLONGED BREATHING OF VAPORS/SPRAY MIST. PROLONGED OVEREXPOS-POSS ALLERGIC REACT. AVOID CONTACT W/SKIN-EYES. DONT INGEST. DONT HANDLE UNTIL MFR SFTY PRECAUTIONS HAVE BEEN READ/UNDERSTOOD

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

Respiratory Protection:ORGANIC VA

POR ENVIRON RESP (AIR PURIFY/FRESH AIR

SUPPLIED) NECESSARY. OBSERVE OSHA REG FOR RESP USE. PROVIDE VENT-KEEP EXPOS LEVELS BELOW OSHA PEL LIMITS. AIR SUPPLIED RESP MAY NOT BE REQ IF TLV LIMIT MAINTAINED BELOW OSHA/ACGIH LIMITS.

Ventilation:EXHST VENT SUFFIC TO KEEP AIRBORNE CONC BELOW TLV'S MUST BE UTILIZED. RMV ALL IGNIT SRCS-HEAT/SPARKS/FLAME/HOT SURFACES

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

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

Other Prote

ctive 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:1.17407

Evaporation Rate & Reference:0.69 X N BUTYL ACETATE

Solubility in W

ater:INSOLUBLE

Percent Volatiles by Volume:48.9

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

Stability Indicator/Materials to Avoid:YES

HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES.

Stability Condition to Avoid:AVOID STRONG OXIDIZING AGENTS.

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

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE W

ITH FEDERAL-STATE-LOCAL

ENVIRONMENTAL CONTROL REGULATIONS. HANDLE EMPTY CONTAINERS WITH
CARE, DUE TO PRODUCT RESIDUE/FLAMMABLE VAPOR. DO NOT INCINERATE
CLOSED CONTAINERS. EPA HA ZARDOUS WASTE NUMBER/CODE:
D001-F003-F005.

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