

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/RE D/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 =====  
====

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 =====  
=====

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 WITH FEDERAL-STATE-LOCAL

ENVIRONMENTAL CONTROL REGULATIONS. HANDLE EMPTY CONTAINERS WITH CARE, DUE TO PRODUCT RESIDUE/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.