

DEFT INC CHEMICAL COATING DIV -- MIL-C-83286, 34102, G/S GREEN, 03GN082 -- 8010-01-104-6536  
===== Product Identification =====

Product ID:MIL-C-83286, 34102, G/S GREEN, 03GN082

MSDS Date:03/15/1989

FSC:8010

NIIN:01-104-6536

Kit Part:Y

MSDS Number: BKPKS

=== Responsible Party ===

Company Name:DEFT INC CHEMICAL COATING DIV

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714

Country:US

Info P

hone Num:714-474-0400

Emergency Phone Num:714-474-0400

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:2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS:111-15-9

RTECS #:KK8225000

Fraction by Wt: 25%

Other REC Limits:MFR:5 PPM (8HR TWA)

OSHA PEL:S,100 PPM

ACGIH TLV:S, 5 PPM; 9192

Ingred

Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:PMGE ACETATE (VP: 3.8 MM HG)

CAS:108-65-6

RTECS #:AI8925000

Fraction by Wt: < 0.1%

Other REC Limits:RECOMMEND TLV:100PPM

Ingred Name:DIBUTYL TIN DILAURATE (VP: 0.2 MM HG)

CAS:77-58-7

RTECS #:WH7000000

Fraction by Wt: < 0.1%

Other REC Limits:\*STEL

AC

GIH TLV:.1 MG/M3/.2 MG/M3\*

=====  
===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: VAPORS ARE IRRITATING TO RESPIR  
TRACT, EYES, NOSE & THROAT. INHALE MAY CAUSE HEADACHES, DIFFICULT  
BREATHING & LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT WILL  
CAUSE DRYING & CRACKING OF S KIN, DUE TO DEFATTING ACTION. SKIN  
SENSITI

ZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.  
ASPIRATION OF PRODUCT\*

Explanation of Carcinogenicity:N/K. \*MAY CAUSE CHEMICAL PNEUMONITIS.

Effects of Overexposure:INHALE: CNS DEPRESSION-HEADACHE, DIZZINESS,  
STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN:  
SWELLING, REDNESS & RASH. EYES: TEARING, REDNESS, SWELLING &  
STINGING SENSATION. SKIN ABSORPTION: DRYING, DEFATTING, CRACKING.  
INGEST: POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE &  
DIGESTIV

E TRACT.

Medical Cond Aggravated by Exposure:ASTHMA & OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA & DERMITITIS. 2-ETHOXYETHYL ACETATE MAY BE ABSORBED THRU THE SKIN AND HAS BEEN SHOWN TO BE A REPRODUCTIVE HEALTH HAZARD IN TEST ANIMALS.

=====  
First Aid Measures  
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First Aid:INHALE: MOVE FROM EXPOSURE. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP IMMEDIATELY OR MAY BE DELAYED. GET MEDICAL AID. SKIN: REMOVE CONTAM CLOTHES. WASH W/SOAP & WATER. WASH CONTAM CLOTHING BEFORE REUSE. EYES: FLUSH W/CLEAN LUKEWARM WATER (LOW PRESSURE) FOR AT LEAST 15 MIN, LIFTING EYELIDS. GET MED AID. DO NOT INDUCE VOMITING. NOTHING BY MOUTH TO UNCONSCIOUS PERSON. GET MEDICAL AID.

=====  
Fire Fighting Measures  
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Flash Point Method:TCC

Flash Point:23.0F,-5.0C

Lower Limits:1.5

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

Fire Fighting Procedures:FIRE FIGHTING

EQUIPMENT W/SCBA & PROTECTIVE

CLOTHES TO BE WORN BY FIRE FIGHTERS. WATER MAY BE USED TO COOL CLOSED CNTNRS TO PREVENT PRESSURE BUILD-UP/EXPLOSION.

Unusual Fire/Explosion Hazard:CNTNRS CLOSED. KEEP FROM IGNITE SOURCES.

CLOSED CNTNRS MAY EXPLODE W/EXTREME HEAT. APPLIC TO HOT SURFACES NEEDS EXTRA CAUTION. DECOMP PRODUCTS ARE HEALTH HAZARD

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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 & REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

=====  
Handling and Storage  
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Handling and Storage Precautions:OSHA 1910.106 STORE BLDGS. AVOID STORING NEAR HIGH TEMPS, FIRE, OPEN FLAMES & SPARKS. STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN WELL VENTED AREAS.

Other Precautions:CONTAINERS UPRIGHT TO PREVENT LEAKAGE. PREVENT PROLONGED BREATHING OF

VAPORS OR SPRAY MISTS. PROLONGED  
OVEREXPOSURE MAY CAUSE ALLERGIC REACTION. AVOID CONTACT W/SKIN &  
EYES. DO NOT TAKE INTERNALLY. FI RST, READ & UNDERSTAND  
PRECAUTIONS.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR  
USE IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR  
SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR  
USE. VENTING SHOULD BE PROVIDED TO KE  
EP EXPOS LEV BELOW LIMITS.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONC OF  
SOLVENT VAPORS/MISTS BELOW THEIR TLV'S MUST BE UTILIZED.

Protective Gloves:NEOPRENE, RUBBER, POLYETHYLENE GLOVES

Eye Protection:SAFETY EYEWEAR W/SPLASH/SIDESHIELD\*\*

Other Protective Equipment:\*\*CHEMICAL GOGGLES/FACESHIELDS. USE LONG  
SLEEVE & LONG LEG CLOTHING. REMOVE AND WASH CONTAMINATED CLOTHES  
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 =====

Boiling Pt:B.P. Text:175 TO 313F

Vapor Density:> AIR

Evaporation Rate & Reference:2.35 (BU AC=1)

Appearance and Odor:GREEN LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:58.2

===== 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 WITH FEDERAL, STATE &  
LOCAL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED W/CARE, DUE TO  
PRODUCT RESIDUE & FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED  
CONTAINERS.

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