

DEFT INC CHEMICAL COATING DIV -- COMP A, MIL-P-85582A P/C 44GN024 -- 8010-01-292-8893
===== Product Identification =====

Product ID:COMP A, MIL-P-85582A P/C 44GN024
MSDS Date:06/30/1992
FSC:8010
NIIN:01-292-8893
Kit Part:Y
MSDS Number: BSHWV
=== 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 Number:714-474-0400
Emergency Phone Num:800-424-9300 CHEMTREC
Preparer's Name:MIKE SMITH
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:NITROETHANE (VAPOR PRESSURE 20.9 MM HG @ 77F)
CAS:79-24-3
RTECS #:KI5600000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 P

PM

Ingred Name:TOLUENE (SARA 313) (VAPOR PRESSURE 22 MM HG @ 68F)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 7.58%

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:STRONTIUM CHROMATE (SARA 313)

CAS:7789-06-2

RTECS #:GB3240000

Fraction by Wt: 26.38%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MP/F3

ACGIH TLV:0.05 MP/F3

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:XYLENE (SARA 313) (VAPOR PRESSURE 21 MM HG @ 100F)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 0.14%

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:ETHYL BENZENE (SARA 313) (VAPOR PRESSURE 7.1 MM HG @ 68F)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 0.03%

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:VOC: 228 G/L

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ACUTE: INGESTION: IRRITATION.

CORROSIVE ACTION IN MOUTH, STOMACH TISSUE, DIGESTIVE TRACT.

VOMITING CAUSE ASPIRATION OF SOLVENT, CHEMICAL PNEUMONITIS. VAPORS ARE IRRITATING TO EYES, NOSE, THROAT. INHAL ED CAUSE HEADACHES

DIFFICULT BREATHING& LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT CAUSE DRYING

Explanation of Carcinogenicity:STRONTIUM CHROMATE IS KNOWN TO THE STATE OF CALIFORNIA TO CUASE CANCER (PROP 65).

Effects of Overexposure:INHALATION: IRRITATION OF THE RESPIRATORY TRACT & ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN: IRRITATION. SWELLING, REDNESS, RASH. EYES: LIQUID AEROSOLS, VAPORS IR

RITATING CAUSE REDNESS, SWELLING ACCOMPANIED BY STINGING SENSATION.

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

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP, IMMED/DELAYED. GET MEDICAL ATTENTION.

SKIN: WASH AFFECTED AREAS WITH SOAP & WATER. EYES: FLUSH WITH LUKEWARM WA TER (LOW P

RESSURE) FOR AT LEAST 15 MINUTES,

OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION

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

Flash Point Method:TCC

Flash Point:45.0F,7.2C

Lower Limits:1.00 %

Upper Limits:7.00 %

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

Fire Fighting Procedures:FULL FIRE FIGHTING EQUIPMENT WITH SCBA, FULL

PROTECTIVE CLOTHING. WATER TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD, AWAY FROM HEAT. CLSD CNTNRS EXPLODE W/EXTREME HEAT. DURING EMERG CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS HEALTH HAZARD.

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, SPARK SOURCE S, HOT SURFACES). VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN BLDGS COMPLY W/OSHA 1910.106. KEEP AWAY FROM HEAT/IGNIT SOURCES. STORE IN CLSD CNTNR. VENT AREA. KEEP CNTNR TIGHT/UPRIGHT TO PREVENT LEAKAGE.

Other Precautions:PREVENT BREATHING OF VAPORS/SPRAY MISTS. PROLONGED OVEREXPOSURE MAY CAUSE AN ALLERGIC REACTION. AVOID CONTACT WITH SKIN & EYES. DO NOT TAKE INTERNALLY. DO NOT HANDLE UNTIL THE MANUFACTURERS SAFETY PRE CAUTIONS HAVE BEEN READ & UNDERSTOOD.

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

Respiratory Protection:RESPIRATOR FOR USE IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE. VENTILATION SHOULD BE PROVIDED TO KEEP EXPOSURE LEVELS BELOW THE OSHA PERMISSIBLE LIMITS.

Ventilation:EXH

AUST VENT TO KEEP AIRBORNE CONCENTRATIONS BELOW THEIR RESPECTIVE TLV'S. REMOVE ALL IGNITION SOURCES.

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection:CHEMICAL GOGGLES, FACE/SIDE SHIELDS

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 WASHROOM. SMOKE IN DESIGNATED AREAS ONLY.

Supplemental Safety and Health

KE

Y1;F3. CHRONIC: AND CRACKING OF THE SKIN, DUE TO DEFATTING ACTION.
SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.
REPEATED AND PROLONGED EXPOSURE MAY CAUSE DELAYED EFFECTS INVOLVING THE BLOOD, GASTROINTESTINAL, NERVOUS AND REPRODUCTIVE SYSTEMS.

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

HCC:F2

Boiling Pt:B.P. Text:230 TO 300F

Vapor Density:> AIR

Spec Gravity:1.76471

Viscosity:*

Evaporation Rate & Reference:1.49 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:GREEN LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:24.7

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS AND STRONG LEWIS OR MINERAL ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES.

AVOID UNCONTROLLED REACTIONS WITH AMINES.

Hazardous Decomposition Products:BY HIGH HEAT/TEMPERATURES: CARBON MONOXIDE, CARBON DIOXIDE

, & OXIDES OF NITROGEN. ALDEHYDES & ACIDS

MAY BE FORMED DURING

Conditions to Avoid Polymerization:COMBUSTION. CHROMIUM OXIDES WHEN BURNED.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCT RESIDUE & FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS. EPA HAZARDOUS WASTE #/CODE: D001, D0

07,F005

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