

DEFT INC CHEMICAL COATING DIV -- COMP B, MIL-P-85582A P/C 44GN024CAT -- 8010-01-292-8894
===== Product Identification =====

Product ID:COMP B, MIL-P-85582A P/C 44GN024CAT

MSDS Date:06/30/1992

FSC:8010

NIIN:01-292-8894

Kit Part:Y

MSDS Number: BSHWY

=== Responsible Party ===

Company Name:DEFT INC CHEMICAL COATING DIV

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Info P

hone Num: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:SEC-BUTYL ALCOHOL (SARA 313) (VAPOR PRESSURE 12.5 MM HG @
68F)

CAS:78-92-2

RTECS #:EO1750000

Fraction by Wt: 49.36%

Other REC Limits:NONE SPECIFIED

OSH

A PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:TOLUENE (SARA 313) (VAPOR PRESSURE 22 MM HG @ 68F)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 1.43%
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:AMINO SILANE ESTER
CAS:1760-24-3
RTECS #:KV7400000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:200 PPM

Ingred Name:VOC: 452 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
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: P
ROLONGED
CONTACT CAUSE DRYING
Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN A CHEMICAL
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.
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 IRRITATING CAUSE REDNESS, SWELLING ACCOMPANIED BY STI

NGING
SENSATION.

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

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First Aid Measures
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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 PRESSURE) 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

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:45.0F,7.2C
Lower Limits:1.00
Upper Limits:9.80 %
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 CLSD. KEEP FROM HEAT. CLSD
CNTNRS EXPLODE EXPODE W/EXTREME HEAT. DURING EMERG CONDITIONS,
OVEREXPOSURE TO DECOMPOSITION PRODUCTS 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 AND REMOVE WITH INERT ABSORBENT AND
NON-SPARKING TOOLS.

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Handling and Storage
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Handling and Storage Precautions:STORE IN BLDGS COMPLY W/OSHA 1910.106.
KEEP AWAY FROM HEAT/IGNIT SOURCE. STORE IN CLSD CNTNRS. VENT AREA.
KEEP CNTNRS TIGHT/UPRIGHT TO PREVENT LEAK.
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 HA

NDLE 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:EXHAUST VENT TO KEEP AIRBORNE CONCENTRATIONS OF SOLVENT

VAPORS/MISTS BELOW THEIR RESPECTIVE TLV'S. REMOVE IGNIT 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

KEY1;F3. CHRONIC: AND CRACKING OF THE SKIN, DUE TO DEFATTING ACTION.

SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP. POTENTIAL FOR KIDNEY AND LIVER DAMAGE.

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

HCC:F2

Boiling Pt:B.P. Text:211 TO 300F

Vapor Density:> AIR

Spec Gravity:0.89316

Evaporation Rate & Reference:0.68 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:56.0

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS AND STRONG ACIDS. EPOXY RESINS UNDER UNCONTROLLED CONDITIONS.

Stability Condition to Avoid:HIGH TEMPERATURES, EPOXY RESINS UNDER UNCONTROLLED CONDITIONS.

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

Conditions to Avoid Polymerization:HIGH TEMPERATURES. EPOXY RESINS UNDER UNCONTROLLED CONDITIONS.

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==== Disposal Considerations =====

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

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