

DEFT INC -- COMP A, MIL-P-53030 PC 44W007 -- 8010-01-193-0521

===== Product Identification =====

Product ID:COMP A, MIL-P-53030 PC 44W007

MSDS Date:06/30/1992

FSC:8010

NIIN:01-193-0521

Kit Part:Y

MSDS Number: BQYLK

=== Responsible Party ===

Company Name:DEFT INC

Address:17451 VON KARMAN AVENUE

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:714-474-0400

Emergency Phone Num:714-474-0400 8

00-424-9300(CHEMTREC)

Preparer's Name:MIKE SMITH

CAGE:33458

=== Contractor Identification ===

Company Name:DEFT INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Phone:800 424-9300

CAGE:33458

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 ALCOHOL (SARA 313)

CAS:71-36-3

RTECS #:EO1400000

Fraction by

Wt: 10.83%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SOLVENT NAPHTHA, LIGHT AROMATIC (SOLVENT)
CAS:64742-95-6
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED

Ingred Name:DISPERSION AID
Fraction by Wt: < 1%
Other REC Limits:NONE SPECIFIED

Ingred Name:ZINC PHOSPHATE (SARA 313)
CAS:7779-90-0
RTECS #:TD0590000
Fraction by Wt: 0.29%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MP/F3
ACGIH TLV:10 MP/F3

Ingr
ed Name:VOC: 362 G/L
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 ARE IRRITATING TO EYES,
NOSE, & THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING
& LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT WILL CAUSE
DRYING & CRACKING OF THE SKIN, DUE TO DEFATTING ACTION. SKIN
SENSITIZATION, ASTHMA OR OTHER ALLERIGIC RESPONSES MAY DEVELOP.
KIDNEY & LIVER DAMAGE.

Effects of Overexposure:INHALATION:
IRRITATION.HEADACHE,DIZZINESS,STAGGERING
GAIT,CONFUSION,UNCONSCIOUSNESS/COMA. INGESTION:
IRRITATION.CORROSIVE TO MOUTH/STOMACH TISSUE & DIGESTIVE
TRACT.VOMIT.ASPIRAT. SOLVENT,CHEMICAL PNEUMONITIS. SKIN/EYES:
IRRIT.SWELLING REDNESS,
RASH.LIQUID,AREOSOLS,VAPORS,TEARING,STINGING SENSATION.SKIN
DRYING/CRACKING.

Medic

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

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION AS NEEDED. ASTHMATIC TYPE SYMPTOMS MAY DELAY OR APPEAR IMMEDIATELY. GET MEDICAL ATTENTION. SKIN: REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE . WASH AREAS THOROUGHLY WITH SOAP & WATER.EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS BODY.GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:97.0F,36.1C
Lower Limits:1.00%
Upper Limits:11.20%
Extinguishing Media:FOAM, DRY CHEMICAL, WATER FOG, ALCOHOL FOAM, CO2.
Fire Fighting Procedures:FULL FIRE FIGHTING EQUIP. WITH SCBA & FULL PROTECTIVE CLOTHING. WATER USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP, AUTO IGNITION OR EXPLOSION.
Unusual Fire/Explosion Hazard:TIGHTLY CLOSED.ISOLATE FROM,HEAT,SPARKS, ELECTROSTATIC & FLAMES. CLOSED CONTAINERS MAY EXPLODE EXPOSED TO HEAT.DURING EMERGENCY CONDITIONS OVEREXPOSURE DECOMPOSITION HEALTH HAZARD

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===== 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.

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

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106 AVOID STORING NEAR HEAT, FIRE, OPEN FLAMES, & SPARK SOURCES.STORE IN WELL VENTILATED AREAS.
Other Precautions:CONTAINERS TIGHT/UPRIGHT PREVENT LEAKAGE.PREVENT PROLONGED BREATHING VAPORS/MIST.PROLONGED OVEREXPOSURE ALLERGIC REACTION.AVOID CONTACT WITH SKIN & EYES.DO NOT TAKE INTERNALLY.WASH HANDS

ANDS BEFORE EATING,SMOKIN G,OR USING WASHROOM.SMOKE IN DESIG.ONLY

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

Respiratory Protection:RESPIRATOR RECOMMENDED/APPROVED FOR USE IN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED). OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE. VENTILATION PROVIDED TO KEEP EXPOSURE LEVELS BE LOW THE OSHA PERMISSIBLE LIMITS.

Ventilation:AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS/MIST BELOW TLV.REMOVE ALL IGNITION SOURCES (HEAT,SPARKS,FLAME,HOT SURFACES).

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection:SAFETY GLASSES, CHEMICAL GOGGLES.

Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:244 TO 335F

Vapor Density:> AIR

Spec Gravity:1.70948

Evaporation Rate & Reference:0

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Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:43.3

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

Stability Indicator/Materials to Avoid:YES

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

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

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

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

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

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR DO NOT INCINERATE CLOSED CONTAINERS.

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