

DEFT, INC. -- COMP B, MIL-P-23377G, TY1, CL C -- 8010-01-416-6557

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Product Identification  
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Product ID:COMP B, MIL-P-23377G, TY1, CL C

MSDS Date:01/10/1997

FSC:8010

NIIN:01-416-6557

Status Code:A

MSDS Number: CLLSR

=== Responsible Party ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Info Phone Num:949-474-0400

Emergency Phone Num:(800

)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

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

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Composition/Information on Ingredients  
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Ingred Name:POLYAMIDE RESIN

= Wt:50.

Ingred Name:ALIPHATIC AMINE

= Wt:15.

Ingred Name:SEC-BUTYL ALCOHOL

CAS:78-92-2

RTECS #:EO1750000

= Wt:30.

OSHA PEL:450 MG/M3;150 PPM

ACGIH TLV:303

MG/M3;100 PPM

Ingred Name:C8&10 AROMATIC HYDROCARBON  
&lt; Wt:5.

Ingred Name:AMINO SILANE ESTER  
&lt; Wt:5.

Ingred Name:EPOXY RESIN HARDENER  
&lt; Wt:5.

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: VAPORS ARE IRRITATING TO EYES,  
NOSE, AND THROAT. INHALATION MAY CAUSE HEADACHE, DIFFICULT  
BREATHING AND LOSS OF CONSCI  
OUSNESS. CHRONIC: PROLONGED CONTACT  
WILL CAUSE DRYING AND CRACKING OF THE SKIN, DUE TO DEFATTING  
ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY  
DEVELOP.

Effects of Overexposure:INHALATION: IRRITATION OF THE RESPIRATORY TRACT  
& ACUTE NERVOUS SYSTEM DEPRESSION. SKIN AND EYE CONTACT: CONTACT  
WITH THE SKIN CAN CAUSE IRRITATION. SYMPTOMS MAY BE SWELLING,  
REDNESS, AND RASH. EYES: LIQUID, AEROSOLS OR VAPORS ARE IRRITATING  
AND MAY CAUSE TEARING, REDNESS  
, AND SWELLING ACCOMPANIED BY A  
STINGING SENSATION. SKIN ABSORPTION: PROLONGED AND REPEATED CONTACT  
CAN CAUSE MODERATE IRRITATIO N, DRYING, AND DEFATTING OF THE SKIN  
WHICH CAN CAUSE THE SKIN TO CRACK. INGESTION: CAN RESULT IN  
IRRITATION AND POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH  
TISSUE AND DIGESTIVE TRACT. VOMITING MAY CAUSE ASPIRATION OF THE  
SOLVENT.

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

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

First Aid:INHALATION: MOVE TO AN AREA FREE FROM RISK OF FURTHER  
EXPOSURE. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP  
AND MAY BE IMMEDIATE OR DELAYED BY SEVERAL HOURS. OBAIN MEDICAL  
CONDITION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS  
THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHES BEFORE  
REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER (LOW PRESSURE) FOR AT  
LEAS

T 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. OBTAIN MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=22.2C, 72.F

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 SELF-CONTAINED BREATHING

APPARATUS AND FULL PROTECTIVE CLOTHING

SHOULD BE WORN BY FIRE FIGHTERS. WATER MAY USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP , AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURES TO DECOMPOSIT

ION PRODUCTS MAY CAUSE A HEALTH HAZARD.

===== 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 INERT ABSORBENT AND NON-SPARKING TOOLS.

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

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. AV

OID STORING NEAR HIGH TEMPERATURES, FIRE, OPEN FLAMES, AND SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN WELL VENTILATED AREAS .

Other Precautions:KEEP CONTAINERS TIGHT AND UPRIGHT TO PREVENT LEAKAGE. PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. PROLONGED OVEREXPOSURE MAY CAUSE AN ALLERGIC REACTION. AVOID CONTACT WITH SKIN AND EYES. DO NOT TAKE INTERNALLY. DO NOT HANDLE UNTIL THE MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ AND UN DERSTOOD.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR USED IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS OR MISTS BELOW THEIR RESPECTIVE TLV'S MUST BE UTILIZED.

Protective Gloves:PROTECTIVE GLOVES ARE RECOMMENDED

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e Protection:SPLASH GUARDS OR SIDE SHIELDS, CHEMICAL GOGGLES OR FACE SHIELD.

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

Supplemental Safety and Health

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

Boiling Pt.=99.4C, 211.F

B.P. Text:211-335F

Vapor Density:>AIR

Spec Gravity:0.92917

VOC Pounds/Gallon:268

VOC Grams/Liter:7.74

Viscosity:THIN TO HEAVY MATERIAL

Evaporation Ra

te & Reference:0.63 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:33.1

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

Stability Indicator/Materials to Avoid:YES

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

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

Hazardous Decomposition Products:CARBON MONOXIDE,

CARBON DIOXIDE, AND  
OXIDES OF NITROGEN.

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

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

===== Regulatory Information =====

SARA Title III Information:SARA 313 THIS PRODUCT  
CONTAINS THE  
FOLLOWING CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF  
SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW  
ACT OF 1986 AND OF 40 CFR 372. 68410- 23-1, 112-24-3, 68479-04-9,  
9046-10-0, 80-05-7; POLYAMIDE RESIN 50.13% THE POLYAMIDE RESIN  
CONTAINS LESS THAN 14% BY WEIGHT OF BISPHENOL-A (CAS # 80-06-7).  
78-92-2 SEC-BUTYL ALCOHOL 27.57

State Regulatory Information:PROP 65-CARCINOGENIC WARNING: THIS  
PRODUCT CONTAINS A CHEMICAL KNOWN TO TH  
E STATE OF CALIFORNIA TO  
CAUSE CANCER. 7789-06-2 STRONTIUM CHROMATE THIS PRODUCT CONTAINS  
CHROMIUM (HEXAVALENT COMPOUND)

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):  
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particular situation.