

DEFT, INC. -- COMP A, MIL-P-85582B, TY II, C1 -- 8010-01-218-0857

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

Product ID:COMP A, MIL-P-85582B, TY II, C1

MSDS Date:03/11/1993

FSC:8010

NIIN:01-218-0857

Status Code:A

MSDS Number: CLLYT

=== 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

===== Composition/Information on Ingredients =====

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

= Wt:15.

OSHA PEL:240 MG/M3;50 PPM

ACGIH TLV:121 MG/M3;25 PPM

Ingred Name:BARIUM CHROMATE

CAS:10294-40-3

RTECS #:CQ8760000

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Wt:25.

Ingred Name:C8&C10 AROMATIC HYDROCARBON

CAS:64742-95-6

Code:F

RTECS #:WF3400000

= Wt:15.

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

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

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

Health Hazards Acute and Chronic:ACUTE: VAPORS ARE IRRITATING TO EYES, NOSE, AND THROAT. INHALATION MAY CAUSE HEADACHE, DIFFICULT BREATHING AND LOSS OF CONSCIOUSNESS. 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 SENSATI

ON. 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.

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

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

First Aid:INHALATION: MO

VE 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 LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. OBTAIN MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOM

ITING. DO NOT GIVE ANYTHING
TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=46.7C, 116.F

Lower Limits:1.00%

Upper Limits:10.60%

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 C

LOSED

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 DECOMPOSITION PRODUCTS MAY CAUSE A
HEALTH HAZARD.

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

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

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY
WITH OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES, FIRE,
OPEN FLAMES, AND SPARK SOURCES. STORE IN TIGHTLY CLOSE

D 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.

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

Respiratory Protection:A RESPIRAT

OR 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. RMV IGNITION SOURCE

Protective Gloves:PROTECTIVE GLOVES ARE RECOMMENDED

Eye 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.=153.3C, 308.F

B.P. Text:308-343F

Vapor Density:> AIR

Spec Gravity:1.54142

VOC Pounds/Gallon:391

Viscosity:THIN TO HEAVY MATERIAL

Evaporation Rate & Reference:.44 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:GREEN LI

QUID WITH SOLVENT ODOR

Percent Volatiles by Volume:44.7%

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS AND STRONG ACIDS, EPOXY RESIN 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. ALDEHYDES AND ACIDS MAY BE FORMED DURING
COMBUSTION

. CHROMIUM OXIDES WHEN BURNED.

===== 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. 111-7 6-2 2-BUTOXYETHANOL 12.98 10294-40-3 BARIUM CHROMATE THIS PRODUCT CONTAINS CHROMIUM (HEXAVALENT COMPOUND) 20.5% BY WEIGHT. THIS PRODUCT CONTAINS A BARIUM COMPOUND, 54.2% BY WEIGHT

State Regulatory Information:PROP65-CARCINOGENIC WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. 10294-40-3 BARIUM CHROMATE

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