

DEFT, INC. -- POLYAMIDE 44GN008A, COMPONENT A -- 8010-01-218-0857

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Product Identification
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Product ID:POLYAMIDE 44GN008A, COMPONENT A

MSDS Date:03/03/1989

FSC:8010

NIIN:01-218-0857

Kit Part:Y

MSDS Number: BBGZL

=== 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:714-47

4-0400

CAGE:DO188

=== 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

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714

Phone:800-424-9300

CAGE:DO188

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Composition/Information on Ingredients
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Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 15%.

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

Ingred Name

:C9&10 AROMATIC HYDROCARBON (VP MM HG 3.)

CAS:64742-95-6

Fraction by Wt: 15%.

Ingred Name:BARIUM CHROMATE

CAS:10294-40-3

RTECS #:CQ8760000

Fraction by Wt: 25%.

OSHA PEL:.05 MG/M3

ACGIH TLV:.1 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES 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 HE

ADACHE, DIFFICULT BREATHING

AND LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT WILL CAUSE
DRYING AND CRACKING OF THE SK IN, DUE TO DEFATTING ACTION. SKIN
SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.

Explanation of Carcinogenicity:BARIUM CHROMATE CAS #10294-40-3 IS A

CHEM KNOWN TO THE STAT OF CA TO CAUSE CANCER,BIRTH DEFECTS OR OTHER
REPRODUCT HARM.

Effects of Overexposure:OVEREXPOSURE MAY CAUSE IRRITATION OF
RESPIRATORY TRACT & ACUTE NERVOUS SYSTEM DE

PRESSION,SKIN IRRITATION

SUCH AS SWELLING,REDNESS & RASH.TEARING,REDNESS AND SWELLING OF THE
EYES.MODERATE IRRITATION,DR YNESS & DEFATTING OF THE
SKIN.IRRITATION & POSSIBLE CORROSIVE ACTION IN THE MOUTH,STOMACH
TISSUE & DIGESTIVE TRACT.

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

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

First Aid:INHALE-MOVE WHERE FREE FROM RISK OF FURTHER E
XPOS.RESTORE

BREATH.ASTHMATIC TYPE SYMP MAY DEVELOP & MAY BE IMMED OR DELAY BY
SEV HRS.OBTAIN MED ATTN.SKIN-REMOVE CONTAM CLOTH.WASH AFFECTED
AREAS THOROUGH HLY W/SOAP & WATER.WASH CONTAM CLOTH THOROUGHLY
BEFORE REUSE. EYES-FLUSH W/CLEAN LUKEWARM WATER(LOW PRESS)AT LEAST
15 MIN,OCCASION LIFT EYELID.OBTAIN MED ATTN.INGEST-DO NOT INDUCE
VOMIT.OBTAIN MED ATT

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

Flash Point Method:TCC

Flash Point:100F -38C

Low

er Limits:1.%

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

Fire Fighting Procedures:EQUIP W/SELF CONTAIN BREATH APPARAT & FULL PROTECT CLOTH SHLD BE WORN.WATER MAY BE USED TO COOL CLSD CONTAIN TO PREVENT PRESS BUILD-UP,AUTO IGNITION OR EXPLOS.

Unusual Fire/Explosion Hazard:KEEP CONTAIN TIGHTLY CLSD.ISOLATE FROM HEAT, SPARKS,ELEC EQUIP & OPEN FLAMES.CLSD CONTAIN MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.OVEREX TO DECOMP PROD-HLTH HA

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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:BLDGS DESIGNED TO COMPLY W/OSHA 1910.106. AVOD STORING NEAR HIGH TEMPS,FIRE,OPEN FLAMES & SPARK SOURCES.STORE IN TIGHT CLOSED CONTAIN IN WELL VENT ARE

Other Precautions:KEEP CNTNR TIGHT & UPRIGHT TO PREVENT LEAK.PREVENT PROLONG BREATH OF VAPORS OR SPRAY MISTS.AVOID CONTACT W/SKIN & EYE.DO NOT TAKE INTERN.DO NOT HNDLE UNTIL MFR SAFETY PRECAUTS HAVE BEEN READ & UNDRSTD .PROLONG OVEREXPOS MAY CAUSE ALLERG REAC

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Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIR RECOMMEND OR APPROVED FOR USE IN AN ORGANIC VAPOR ENVIRON (AIR PURIFYING OR FRESH AIR SUPPLIED)

NECESSARY.OBSERVE OSHA REGS FOR RESPIRATOR USE.VENTILATION SHOULD BE PROVIDED TO KEEP EXPOSURE LEVELS BELOW THE OSHA PERMISSIBLE LIMITS

Ventilation:EXHAUST VENT SUFFICIENT TO KEEP AIRBORNE CONCENTRATION OF SOLVENT VAPORS & MISTS BELOW THEIR RESPECT TLVS MUST BE USED.

Protective Gloves:NEOPRENE, RUBBER, POLYETHYLENE GLOVES.

Eye Protection:SAFETY EYEWEAR INCLUDING SPLASH GUARDS.

Other Protective Equipment:LONG SLEEVE AND LONG LEG CLOTHING.

Work Hygienic Practices:WASH HANDS BEFO

RE EATING,SMOKING OR USING
WASHROOM.SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health

KEY1:F5. THIS ENTRY DESCRIBES PART A OF A TWO PART KIT. SEE THIS SAME
NSN, P/N IND B, FOR PART B DATA. (HEALTH HAZARDS) POTENTIAL FOR
KIDNEY & LIVER DAMAGE. REPEATED AND PROLONGED EXPOSURE MAY CAUSE D
ELAYED EFFECTS INVOLVING THE BLOOD, GASTROINTESTINAL, NERVOUS AND
REPRO SYSTEM.

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

HCC:F5

Boiling Pt:B.P. Text:308F
- 340F

Vapor Density:>AIR

Evaporation Rate & Reference:0.0 X N-BUTYL ACETATE

Appearance and Odor:GREEN LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume:44.3

===== 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/TEMPERATURE: CARBON

MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN. CHROMIUM OXIDES
WHEN BURNED.

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

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

Waste Disposal Methods:DISPOSE OF IAW FEDERAL,STATE AND LOCAL
ENVIRONMENTAL CONTROL REGULATIONS.EMPTY CONTAINERS MUST BE HANDLED
WITH CARE, DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR.DO NOT
INCINERATE CL
USED CONTAINERS.

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