

DEFT,INC. -- 02Y024,BASE,PART A,EPOXY. -- 8010-00-082-2450

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

Product ID:02Y024,BASE,PART A,EPOXY.

MSDS Date:01/13/1982

FSC:8010

NIIN:00-082-2450

Kit Part:Y

MSDS Number: BCXYV

=== 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

Prepare

r's Name:N. GAUL

CAGE:HO407

=== 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 AVENUE

Box:City:IRVINE

State:CA

ZIP:92714

Phone:714-474-0400

CAGE:HO407

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

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 15%

OSHA PEL

:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 15%
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:STRONTIUM CHROMATE (SARA III)
CAS:7789-06-2
RTECS #:GB3240000
Fraction by Wt: 15%
OSHA PEL:0.1 PPM CRO3;CEILING
ACGIH TLV:0.0005MG CR/M3;A2;93
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:LEAD CHROMA
TE (OSHA PEL FOR LEAD FROM 29CFR
1910.1025),(CRO3 CEILING 0.1 MG/M3)
CAS:7758-97-6
RTECS #:GB2975000
Fraction by Wt: 5%
OSHA PEL:0.05 MG/M3 (PB)
ACGIH TLV:0.05MG/M3(CR)A2;8990

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 10%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:EPOXY RESIN

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

Routes of Entry: Inhalation:YES Skin:YES Ingest

ion:YES

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

Health Hazards Acute and Chronic:VAPORS ARE IRRITATING. CHRONIC CONTACT MAY CAUSE SKIN SENSITIZATION,ASTHMA,OTHER ALLERGIC RESPONSES. PROLONGED/REPEATED EXPOSURE MAY CAUSE DELAYED EFFECTS INVOLVING BLOOD,G/I,NERVOUS,REPRODUCTIVE SYST EM.

Explanation of Carcinogenicity:CHROME AND SOME CHROME COMPOUNDS IS LISTED AS HAVING ENOUGH EVIDENCE TO ESTABLISH IT AS A HUMAN CARCINOGEN.

Effects of Overexposure:EYE/SKIN:IRRI TATION,BURNING,DRYING.

INHALED:RESPIRATORY IRRITATION,HEADACHE,DIZZINESS,UNCONSCIOUS. INGESTED:G/I IRRITATION,NAUSEA & VOMITING. LATTER MAY CAUSE ASPIRATION OF SOLVENTS AND CHEMICAL PNEUM ONITIS.

Medical Cond Aggravated by Exposure:ALLERGIES,INCLUDING ASTHMA & SKIN DISORDERS.

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

First Aid:EYE:FLUSH WITH WATER. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INHALED:REMOVE FROM EXPOSURE. TREAT B REATHING DIFFICULTY. GET MEDICAL ATTENTION. INGESTED:DO NOT INDUCE VOMITING. NOTHI NG BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:23F/-5C

Lower Limits:1.0

Upper Limits:11.5

Extinguishing Media:FOAM,ALCOHOL FOAM,CARBON DIOXIDE,DRY CHEMICAL,WATER FOG.

Fire Fighting Procedures:USE FULL FIRE FIGHTING EQUIPMENT WITH SCBA. COOL FIRE EXPOSED CONTAINERS WITH WATER TO PR EVENT EXPLOSION.

Unusual Fire/Explosion Hazard:FUMES/VAPORS RELEASED DURING EMERGENCY CONDITIONS MAY BE A HEALTH HAZARD. SYMPTOMS MAY BE DELAYED.

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===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA. CONTAIN & REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE TIGHTLY CLOS

ED IN A COOL, DRY

WELL VENTILATED, LOW FIRE RISK AREA. STORE AWAY FROM IGNITION SOURCES.

Other Precautions: PREVENT PROLONGED/REPEATED BREATHING OF VAPOR OR SPRAY MIST. CAN CAUSE ALLERGIC REACTION. FOLLOW SPECIAL PRECAUTIONS TO APPLY ON HOT SURFACES. IF WATER IS USED FOR FIRE, FOG NOZZLES ARE PREFERABLE.

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

Respiratory Protection: USE NIOSH RESPIRATOR FOR ORGANIC VAPORS WHEN WORKING IN ENCLOSED AREA OR EXPOSED ABOVE TLV OR PEL.

Ventilation: USE GENERAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV OR PEL.

Protective Gloves: NEOPRENE, RUBBER, POLY ETHYLENE

Eye Protection: SAFETY GLASSES, GOGGLES, FACE SHIELD

Other Protective Equipment: LONG SLEEVE/LEG CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices: USE NORMAL CHEMICAL HYGIENE PRACTICE. SMOKE ONLY IN DESIGNATED SMOKING AREA.

Supplemental Safety and Health

THIS IS PART A OF A TWO PART KIT. COLOR NO: 34052

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

HCC: F2

Boiling Pt: B.P. Text: 175-259F

Vapor Density: > AIR

Spec Gravity: 1.2

Solubility in Water: SLOWER THAN ETHER

Appearance and Odor: YELLOW VISCOUS LIQUID SOLVENT ODOR.

Percent Volatiles by Volume: 42% WT

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS, MINERAL ACIDS, UNCONTROLLED CONTACT WITH AMINES.

Stability Condition to Avoid: HEAT, IGNITION SOURCES.

Haza

rdous Decomposition Products:NORMAL PRODUCTS OF COMBUSTION, CHROME
OXIDES,ALDEHYDES,ACIDS.

Conditions to Avoid Polymerization:THOUGH LISTS "NO" TO HAZ.POLY.; MAY
REACT UNCONTROLLABLY WITH AMINES.

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
HMIS SUGGESTS INCINERATION,OR LANDFILL. DO NOT INCINERATE CLOSED
CONTAINERS.

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