

DEFT, INC. -- G/S E/S, 36118, 05GY244CAT -- 8010-01-107-2187

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

Product ID:G/S E/S, 36118, 05GY244CAT

MSDS Date:03/05/1987

FSC:8010

NIIN:01-107-2187

Kit Part:Y

MSDS Number: BHBDC

=== Responsible Party ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVENUE

City:IRVINE

State:CA

ZIP:92714

Info Phone Num:(714) 474-0400

Emergency Phone Num:(714) 474-0400

Preparer's

Name:N. GAUL

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

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

Ingred Name:2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS:111-15-9

RTECS #:KK8225000

Fraction by Wt: 15%

OSHA PEL:S,100 P

PM  
ACGIH TLV:S, 5 PPM; 9192

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 15%  
Other REC Limits:100 PPM  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ALIPHATIC POLYISOCYANATE  
CAS:28182-81-2  
RTECS #:NQ9170000  
Fraction by Wt: 35%

Ingred Name:N-BUTYL ACETATE (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 5%  
Other REC Limits:150 PPM  
OSHA PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt  
Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 5%  
Other REC Limits:100 PPM  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 15%  
Other REC Limits:200 PPM  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 15%

Other REC Limits:400 PPM

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: IRRITATION OF THE

RESPIRATORY TRACT/NERVOUS SYSTEM

DEPRESSION/HEADACHE

/DIZZINESS/STAGGERING

GAIT/CONFUSION/UNCONSCIOUSNESS/COMA. SKIN/EYES:

IRRITATING/TEARING/REDNESS/SWELLING. INGESTION:

IRRITATION/CORROSIVE ACTION IN THE MOUTH/STOMACH TISSUE/DIGESTIVE TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE

MODERATE IRRITATION, DRYING & DEFATTING WHICH CAN CAUSE

CRACKING/DERMATITIS. INHALATION: CAN IRRITATE THE MUCOUS MEMBRANES

IN THE RESPIRATORY TRACT CAUSING R UNNY NOSE, SORE THR

OAT,

COUGHING, CHESTDISCOMFORT, SHORTNESS OF BREATH & REDUCED LUNG

FUNCTION.

Medical Cond Aggravated by Exposure:ISOCYANATE SENSITIZATION, ASTHMA,

DERMATITIS.

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

First Aid:INHALATION: MOVE TO AN AREA FREE FROM EXPOSURE. RESTORE

BREATHING. SKIN: REMOVE CONTAMINATED CLOTHING/WASH BEFORE REUSE.

WASH AFFECTED AREAS THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/CLEAN,

LUKEWARM WA TER FOR AT LEAST 15 MINS, OCCASIONA

LLY LIFTING EYELIDS.

OBTAIN MED ATT. INGESTION: DON'T INDUCE VOMITING. DON'T GIVE

ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MED ATT.

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

Flash Point Method:TCC

Flash Point:23F

Lower Limits:1.0%

Upper Limits:11.5%

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

Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE CLOTHING. DURING A

FIRE, HDL VAPORS & OTHER IRRITATING VAPORS MAY BE GENERATED BY

COMBU

STION OR THERMAL DECOMPOSITION.

Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, & OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. KEEP CONTAINERS TIGHTLY CLOSED.

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, HOT SURFACES, SPARK SOURCES). VENTILATE AREA. CONTAIN & REMOVE WITH INERT ABSORBENT & NON-SPARKING TOOLS.

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

Handling and Storage Precautions:AVOID STORING NEAR HIGH TEMPERATURES/FIRE/OPEN FLAME/SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS TO PREVENT MOISTURE CONTAMINATION.

Other Precautions:DON'T RESEAL IF CONTAMINATION SUSPECTED. USE IN VENTILATED AREA. PREVENT PROLONGED/REPEATED BREATHING OF VAPORS/SPRAY MIST. IF MOISTURE ENTERS CONTAINERS, PRESSURE CAN BUILD UP DUE TO REACTION PRODUCI NG C O<sub>2</sub>/CAUSE SEALED CONTAINER TO BURST.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR USE IN ISOCYANATE CONTAINING ENVIROMENTS (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATIONS OF HDI & POLYISOCYANATES AIR

Spec Gravity:1.0

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:INSOLUBLE

Appear

ance and Odor:CLEAR, LIGHT AMBER COLOR WITH SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS & SURFACE ACTIVE MATERIALS

Stability Condition to Avoid:CONTACT W/MOISTURE, MATERIALS WHICH REACT W/ISOCYANATES, AND HIGH TEMPERATURES

Hazardous Decomposition Products:CO<sub>2</sub>, CO, OXIDES OF NITROGEN, TRACES OF HCN, HDI

===== Disposal Considerations

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Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL ENVIROMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCT RESIDUE & FLAMMABLE VAPOR. DON'T INCINER ATE CLOSED CONTAINERS.

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