

DEFT CHEMICAL COATINGS -- POLYURETHANE 36375 REACTANT 03-GY-89 -- 8010-01-017-2480

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Product Identification
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Product ID:POLYURETHANE 36375 REACTANT 03-GY-89

MSDS Date:02/07/1984

FSC:8010

NIIN:01-017-2480

Kit Part:Y

MSDS Number: BHTJK

=== Responsible Party ===

Company Name:DEFT CHEMICAL COATINGS

Address:17451 VON KARMAN AVENUE

City:IRVINE

State:CA

ZIP:92714

Info Phone Num:(714) 549-8911

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mergency Phone Num:(714) 549-8911

CAGE:EO418

=== Contractor Identification ===

Company Name:DEFT CHEMICAL COATINGS

CAGE:EO418

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

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 41-45%

Other REC Limits:590 MG/CUM

OSHA PEL:200 PPM/300 STEL

ACGIH T

LV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS:822-06-0

RTECS #:MO1740000

Fraction by Wt: 28-32%

Other REC Limits:0.035 MG/CUM

ACGIH TLV:0.005 PPM; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 7-11%

Other REC Limits:50 PPM

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

CAS:111-15-9

RTECS #:KK8225000

Fraction by Wt: 4-6%

OSHA PEL:S,100 PPM

ACGIH TLV:S, 5 PPM; 9192

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 4-6%

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 4-6%

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

Ingrid Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 2-4%
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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALAT

ION: ANESTHETIC, IRRITATION OF
THE RESPIRATORY TRACT, NERVOUS SYSTEM DEPRESSION, HEADACHE,
DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA.
SKIN/EYE: IRRITATION.

Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: ANESTHETIC, IRRITATION OF THE
RESPIRATORY TRACT, NERVOUS SYSTEM DEPRESSION, HEADACHE, DIZZINESS,
STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN/EYE:
IRRITATION. EXTENSIVE & CONTINUOUS OVEREXPOSURE MAY RESULT IN

RESPIRATORY ALLERGIC SENSITIVITY.
Medical Cond Aggravated by Exposure:ALLERGIC SENSITIVITY.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP
WARM/QUIET. NOTIFY PHYSICIAN. EYES: FLUSH W/LARGE VOLUME OF WATER
FOR AT LEAST 15 MINS. TAKE TO PHYSICIAN FOR MEDICAL ATTENTION.
SKIN: WASH AFFECTED AREAS W/WATER. REMOVE CONTAMINATED CLOTHING.
CONSULT PHYSICIAN.

===== Fire Fighting M

asures =====

Flash Point Method:TCC

Flash Point:24F

Lower Limits:1.0%

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

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE. WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS EXPOSED TO EXTREME HEAT OR FIRE TO PREVENT BUILD-UP/POSSIBLE AUTOIGNITION/EXPLOSION.

Unusual Fire/Explosion Hazard:FULL PROTECTIVE EQUIPMENT/SCBA. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAMES & HOT SURFACES. FLAMMABLE LIQUID.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION, FLAME, HOT SURFACES, ELECTRICAL EQUIPMENT, STATIC DISCHARGE OR SPARKS. VENTILATE AREA. CONTAIN & REMOVE WITH INERT ABSORBENT & NON-SPARKING TOOLS.

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

Handling and Storage Precautions:KEEP CLOSURE TIGHT/CONTAINER UPRIGHT TO PREVENT LEAKAGE. DON'T STORE OR USE NEAR HEAT, SPARKS, OR FLAME.

STORE ONLY IN WELL VENTILATED AREAS.

Other Precautions:AVOID BREATHING OF VAPOR OR SPRAY MIST.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR PAINT, LACQUER, ENAMEL MISTS & ORGANIC VAPORS.

Ventilation:VENT FUMES ON HEATING

Protective Gloves:NEOPRENE, RUBBER, POLYETHYLENE, LEATHER

Eye Protection:SAFETY EYEWEAR W/GUARDS, SIDESHIELDS

Other Protective Equipment:CLEAN, LONG SLEEVE & LE G CLOTHING

Work Hygienic Practices:KEEP CLOSURE TIGHT & CONTAINER UPRIGHT TO PREVENT LEAKAGE. REMOVE CONTAMINATED CLOTHING.

Supplemental Safety and Health

WT PER GAL: 7.51

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

HCC:F2

Boiling Pt:B.P. Text:175-313F

Vapor Density:>AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:76.7%

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

Stability Indicator/Materials to Avoid:YES

ALCOHOLS, AMINES & OTHER COMPOUNDS WHICH REACT WITH ISOCYANATES.
Stability Condition to Avoid:HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN
FLAMES, HOT SURFACES & STATIC DISCHARGE.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH LOCAL, STATE &
FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DON'T
INCINERATE CLOSED CONTAINERS. FLAMMABLE LIQUID.

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