

DEFT INC. -- 03GY061CAT GRAY 16440 CATALYST -- 8010-01-068-3116

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Product Identification
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Product ID:03GY061CAT GRAY 16440 CATALYST

MSDS Date:11/29/1988

FSC:8010

NIIN:01-068-3116

Kit Part:Y

MSDS Number: BGKGJ

=== Responsible Party ===

Company Name:DEFT INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714

Info Phone Num:714-474-0400

Emergency Phone Num:714-474-0400

CAGE:FO688

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== Contractor Identification ==

Company Name:DEFT INC.

Address:17451 VON KARMAN

City:IRVINE

State:CA

ZIP:92714

Phone:(714) 474-0400

CAGE:FO688

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

CAS:111-15-9

RTECS #:KK8225000

Fraction by Wt: 10%

OSHA PEL:S,100 PPM

ACGIH TLV:S, 5 PPM; 9192

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 5%

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%

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:

50%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ALIPHATIC ISOCYANATE

CAS:28182-81-2

Fraction by Wt: 30%

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

CAS:822-06-0

RTECS #:MO1740000

Fraction by Wt: 0.7-1.6%

Other REC Limits:0.02 PPM CEILING

ACGIH TLV:0.005 PPM; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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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: VAPORS ARE IRRITATING. ISOCYANATE IS SENSITIZING; POSSIBLY CAUSING REACTIONS WITH A SECOND EXPOSURE WELL BELOW TLV. 2-ETHOXYETHYL ACETATE IS ABSORBED BY THE SKIN, POSSIBLY CAUSING LIVER, KIDNEY, OR REPRODUCTIVE EFFECTS.

Effects of Overexposure: EYE: IRRITATION, REDNESS, SWELLING.

SKIN: IRRITATION. PROLONGED CONTACT MAY CAUSE DRYING, CRACKING OF SKIN. INHALED: IRRITATION & CENTRAL NERVOUS SYSTEM

DEPRESSION; HEADACHE, DIFFICULT BREATHING, DIZZINESS, CONFUSION.

INGESTED: G/I IRRITATION.

Medical Condition Aggravated by Exposure: ASTHMA AND OTHER RESPIRATORY DISORDERS, SKIN ALLERGIES, ISOCYANATE SENSITIZATION.

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

First Aid: EYE: FLUSH WITH WATER 15 MIN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP & WATER. LAUNDRY CLOTHING BEFORE REUSE. INHALED: REMOVE FROM EXPOSURE. ASTHMATIC SYMPTOMS MAY DEVELOP OR BE

DELAYED. GET MEDICAL ATTENTION AS NEEDED. INGESTED: DO NOT INDUCE VOMITING (ASPIRATION HAZARD). GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method: TCC

Flash Point: 23F/-5C

Lower Limits: 1.0

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

Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE WHEN

EXPOSED TO EXTREME HEAT. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HEALTH HAZARD PRODUCING DELAYED SYMPTOMS.

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

Spill Release Procedures: EVACUATE UNNECESSARY PERSONNEL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. ABSORB ON INERT MATERIAL. STORE IN CLOSED CONTAINERS PENDING DISPOSAL.

Neutralizing Agent: NONE

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

Handling and Storage Precautions

ons:STORE IN COOL, DRY, WELL VENTILATED
AREA. STORE TIGHTLY CLOSED AND FREE OF IGNITION SOURCES.

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

Respiratory Protection:USE NIOSH RESPIRATOR WITH ORGANIC VAPOR
CARTRIDGE OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV'S.
EXCEPT:USE SUPPLIED AIR RESPIRATOR IF OVER TLV OF DIISOCYANATE.
Ventilation:USE EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:IMPERVIOUS(RUBBER, NEOPRENE, POLYETHYLENE)
Eye Protection:SAFETY
GLASSES, GOGGLES, OR FACE SHIELD
Other Protective Equipment:LONG SLEEVE, LONG LEG WORK CLOTHING. LAUNDRY
CONTAMINATED CLOTHS BEFORE REUSE.
Work Hygienic Practices:USE VERY STRICT CHEMICAL HYGIENE PRACTICE. TAKE
UNUSUAL PRECAUTIONS TO PREVENT CONTACT WITH SENSITIZING
DIISOCYANATES.
Supplemental Safety and Health

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

HCC:F2
Boiling Pt:B.P. Text:175-313F
Vapor Density:>AIR
Spec Gravity:0.92 (CALC.)
Evaporation Rate &
Reference:2.3 (BUAC)
Appearance and Odor:AMBER LIQUID, SOLVENT ODOR
Percent Volatiles by Volume:74.9

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

Stability Indicator/Materials to Avoid:YES
WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS, SURFACE ACTIVE
MATERIALS
Stability Condition to Avoid:HIGH TEMPERATURES, MOISTURE
Hazardous Decomposition Products:NORMAL PRODUCTS OF COMBUSTION PLUS
CYANIDES AND ISOCYANATES.

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

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

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