

DEFT CHEMICAL COATING DIV -- 04GY002CAT MIL-C-85285B 36375 TYPE II

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MSDS Safety Information  
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FSC: 8010  
NIIN: 01-293-3019  
MSDS Date: 04/30/1993  
MSDS Num: BWZRP  
Product ID: 04GY002CAT MIL-C-85285B 36375 TYPE II  
MFN: 02  
Kit Part: Y  
Responsible Party  
Cage: 33461  
Name: DEFT INC CHEMICAL COATING DIV  
Address: 17451 V  
ON KARMAN AVE  
City: IRVINE CA 92714-6205  
Info Phone Number: 714-474-0400  
Emergency Phone Number: 714-474-0400  
Preparer's Name: NORM GAUL  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 33461  
Name: DEFT, INC.  
Address: 17451 VON KARMAN AVE  
City: IRVINE CA 92614  
Phone: 949-474-0400

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Item Description Informatio  
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Item Manager: GSA  
Item Name: POLYURETHANE COATING  
Specification Number: MIL-C-85285  
Type/Grade/Class: TYPE II  
Unit of Issue: KT  
UI Container Qty: 0  
Type of Container: UNKNOWN

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE:INHALATION MAY CAUSE RESPIRATORY IRRITATION & CNS DEPRESSION.CONTACT MAY CAUSE SKIN & EYE IRRITATION.INGESTION MAY CAUSE GI TRACT IRRITATION;CORROSIVE ACTION IN MOUTH,STOMACH & DIGESTIVE TRACT.C HRONIC:PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN DEFATTING,DRYING & IRRITATION; SENSITIZATION.

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptions Of Overexposure: INHALED-IRRITATION, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. EYES-TEARING, REDNESS, SWELLING. SKIN-SWELLING, REDNESS, RASH. INGESTED-NAUSEA, VOMITING.

Medical Cond Aggravated By Exposure: ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS. ISOCYANATE SENSITIZATION.

First Aid: INHALED-MOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP & WATER. EYES-FLUSH WITH CLEAN LUKEWARM WATER FOR AT LEAST 15 MINUTES, LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTED-DO NOT INDUCE VOMITING! NOTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION.

#### Handling and Disposal

Spill Release Procedures: EVACUATE ALL NON-ESSENTIAL PERSONNEL. ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: WASTE MUST BE DISPOSE OF IAW LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE & FLAMMABLE VAPOR. EPA/RCRA HAZWASTE NUMBERS: D001, F003, F005 (P ER MFR).

Handling And Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED PLACE IN TIGHTLY CLOSED CONTAINERS AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

Other Precautions: STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 29 CFR 1910.106.

#### Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point Text: 60.0F,15.6C

Lower Limits: 1.05

Upper Limits

: 8

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

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DURING EMERGENCY CONDITIONS OVER EXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

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Control Measures  
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Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation: USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: LONG SLEEVED SHIRTS AND LONG LEG TROUSERS ARE RECOMMENDED.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health: KEY1=F3.

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Physical/Chemical Properties  
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HCC: F3

B.P. Text: >241F,>116

C

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: >1

Spec Gravity: 1.002

Viscosity: UNKNOWN

Evaporation Rate & Reference: 0.95 (N-BUTYL ACETATE=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: AMBER LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume: 35.2

Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES

Stability Condition

To Avoid: HIGH TEMPERATURES, SPARKS OR OPEN FLAMES.

Materials To Avoid: WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS, SURFACE ACTIVE MATERIALS.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN, TRACES OF HYDROGEN CYANIDE AND HEXAMETHYL DIISOCYANATE (HDI).

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 33461

Trans ID NO: 122855

Product ID: 04GY002CAT MIL-C-85285B 36375 TYPE II

MSDS Prepared Date: 04/30/1993

Review Date: 06/10/1995

MFN: 2

Tech Entry NOS Shipping Nm: METHYL ISOBUTYL KETONE, ETHYL-3-ETHOXYPROPRIONATE

Net Unit Weight: UNKNOWN

Multiple KIT

Number: 0

Kit Part IND: Y

Review IND: Y

Unit Of Issue: KT

Container QTY: 0

Type Of Container: UNKNOWN

Additional Data: PART B OF 2 PART KIT. KIT WILL MAKE 2 QUARTS OF COATING WHEN MIXED.

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Detail DOT Information  
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DOT PSN Code: LFD

DOT Proper Shipping Name: PAINT

DOT PSN Modifier: INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS, VARNISH, POLISH, LIQUID FILLER, AND LIQUID L

ACQUER BASE  
Hazard Class: 3  
UN ID Num: UN1263  
DOT Packaging Group: II  
Label: FLAMMABLE LIQUID  
Special Provision: B52,T7,T30  
Packaging Exception: 150  
Non Bulk Pack: 173  
Bulk Pack: 242  
Max Qty Pass: 5 L  
Max Qty Cargo: 60 L  
Vessel Stow Req: B

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Detail IMO Information  
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IMO PSN Code: LCP  
IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL  
IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENA  
MEL, STAIN, SHELLAC SOLUTIONS,  
VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT  
THINNING OR REDUCING COMPOUND) o  
IMDG Page Number: 3268  
UN Number: 1263  
UN Hazard Class: 3.2  
IMO Packaging Group: I/II \*  
Subsidiary Risk Label: -  
EMS Number: 3-05  
MED First Aid Guide NUM: 310

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Detail IATA Information  
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IATA PSN Code: SXI  
IATA UN ID Num: 1263  
IATA Proper Shipping  
Name: PAINT  
IATA PSN Modifier: (INCLUDING  
PAINT,LACQUER,ENAMEL,STAIN,SHELLAC,VARNISH,POLISH,LIQUID FILLER AND LIQUID  
LACQUER BASE)  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: II  
Packing Note Passenger: 305  
Max Quant Pass: 5L  
Max Quant Cargo: 60L  
Packaging Note Cargo: 307  
Exceptions: A7,A72

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Detail AFI Information  
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AFI PSN Code: SXI  
AFI Proper Shipping Name: PAIN

T OR PAINT RELATED MATERIAL

AFI PSN Modifier: (INCLUDING PAINT,LACQUER,ENAMEL,STAIN,SHELLAC SOLUTIONS,VARNISH,POLISH,LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT THINNING OR REDUCING COMPOUNDS)

AFI Hazard Class: 3

AFI UN ID NUM: UN1263

AFI Packing Group: II

Special Provisions: P5

Back Pack Reference: A7.3

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HAZCOM Label  
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Product ID: 04GY002CAT MIL-C-85285B 36375 TYPE II

Cage: 33461

Company Name: DEFT, INC.

Street: 17451 VON KARMAN AVE

City: IRVINE CA

Zipcode: 92614

Health Emergency Phone: 714-474-0400

Label Required IND: Y

Date Of Label Review: 06/09/1995

Status Code: C

Label Date: 06/09/1995

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE! IN

HALATION MAY CAUSE RESPIRATORY IRRITATION

& CNS DEPRESSION.CONTACT MAY CAUSE SKIN & EYE IRRITATION.INGESTION  
MAY CAUSE GI TRACT IRRITATION;CORROSIVE ACTION IN MOUTH,STOMACH &  
DIGESTIVE TR ACT.PROLONGED/REPEATED EXPOSURE MAY CAUSE SKIN DEFATTING,DRYING  
& IRRITATION.MAY CAUSE LIVER/KIDNEY DAMAGE. TARGET  
ORGANS:LUNGS,LIVER,KIDNEYS,EYES,SKIN. FIRST AID:INHALED-MOVE TO FRESH  
AIR.OBTAIN MEDI CAL ATTENTION.SKIN-REMOVE CONTAMINATED CLOTHES.WASH WITH SOAP  
& WATER.EYES-FL

WASH WITH WATER FOR AT LEAST 15 MINUTES, LIFTING EYELIDS. GET  
MEDICAL ATTENTION. IF INGESTED-DO NOT INDUCE VOMITING! NOTHING BY MOUTH IF  
UNCONSCIOUS. OBTAIN MEDICAL ATTENTION.

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