

DEFT INC CHEMICAL COATING DIV -- MIL-C-85285B, 15044, TYI POLYURETHANE (03BL139) --
8010-01-329-6754

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

Product ID:MIL-C-85285B, 15044, TYI POLYURETHANE (03BL139)

MSDS Date:11/23/1994

FSC:8010

NIIN:01-329-6754

Kit Part:Y

MSDS Number: BYYHS

=== Responsible Party ===

Company Name:DEFT INC CHEMICAL COATING DIV

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:9271

4-6205

Country:US

Info Phone Num:714-474-0400

Emergency Phone Num:714-474-0400

CAGE:33461

=== 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

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

Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE: VAPORS IRRIT TO EYES, NOSE, THROAT. INHAL MAY CAUSE HEADACHES, DIFFICULT BREATHING, LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT WILL DRY/CRACK SKIN FROM DEFATTING ACTION. POSSIBLE SKIN SENSITIZATION/ASTHMA/OTHER ALLERGIC RESPONSES. INGEST: VOMITING MAY CAUSE ASPIRATION OF SOLVENT, CAUSING CHEM PNEUMONITIS

Explanation of

Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHAL: RESP TRACT IRRIT, ACUTE NS DEPRESSION (HEADACHES/DIZZINESS/STAGGERING GAIT/CONFUSION/UNCONSCIOUSNESS/COMA). SKIN: SWELLING/REDNESS/RASH. EYES: TEARING/REDNESS/SWELLING/STINGING. SKIN: MODERATE IRRIT/DRYING/CRACKING. INGEST: POSSIBLE IRRIT/CORROSION IN MOUTH, STOMACH TISSUE, DIGEST TRACT.

Medical Cond Agg

Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA AND DERMATITIS.

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

First Aid:EYES: FLUSH W/WATER 15 MINS HOLDING EYELIDS OPEN. GET MED AID. SKIN: REMOVE CONTAMINATED CLOTHING. WASH W/SOAP/WATER. IF IRRIT PERSISTS, GET MED AID. INHAL: GET FRESH AIR. RESTORE BREATHING. GET MED AID IF ASTHMATIC TYPE SYMPTOMS MAY DEVELOP, MAY BE IMMEDIATE OR DELAYED SEV. HRS. GET MED AID. INGEST: DON'T INDUCE VOMIT. DON'T GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. GET MED AID.

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

Flash Point Method:TCC

Flash Point:45.0F,7.2C

Lower Limits:1.0%

Upper Limits:11.4 %

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL

L NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. KEEP CONTAINERS TIGHTLY CLOSED.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. STOP LEAK IF CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT

MATERIAL. COLLECT FOR DISPOSAL USING NON-SPARKING TOOLS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES, FIRE, OPEN FLAMES AND SPARK SOURCES.

Other Precautions:AVOID SKIN CONTACT. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT TO PREVENT

LEAKAGE. PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective

Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

SMOKE IN SMOKING AREAS ONLY. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A

HEALTH HAZARD. SYMPTOMS MAY
NOT BE IMMEDIATELY APPARENT.

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

HCC:F3
Boiling Pt:B.P. Text:230 TO 401F
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:> 1
Spec Gravity:1.08163
Evaporation Rate & Reference:0.47 (BUTYL ACETATE = 1)
Solubility in Water:INSOLUBLE
Appearance and Odor:BLUE LIQUID WITH SOLVENT ODOR
Percent Volatiles by Volume:38.1 %

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

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Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, OPEN FLAME, SPARKS
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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