View NSN Online: https://aerobasegroup.gr/nsn/8010-01-146-2648

Product ID:CAT, MIL-C-46168D, 35044, TY II P/C 03BL126CAT MSDS Date:07/06/1988 FSC:8010 NIIN:01-146-2648 Kit Part:Y MSDS Number: BTCNP === Responsible Party === Company Name: DEFT, INC Address:17451 VON KARMAN AVE City:IRVINE State:CA ZIP:92714 Country:US Info Phone Num:714-474-0400 Em ergency Phone Num:800-424-9300 CHEMTREC CAGE:5M511 === 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:92714-6205 Country:US Phone:714-474-0400 CAGE:5M511

Ingred Name:ALIPHATIC ISOCYANATE BIURET OF HMDI * CAS:4035-89-6 Fraction by Wt: 75% Othe r REC Limits:NONE RECOMMENDED ACGIH TLV:0.005 PPM TWA

Ingred Name:* (HEXAMETHYLENE DIISOCYANATE [HDI] 822-06-0, FREE MONOMER >0.5% AT TIME OF MFR, AFTER 3-6 MO, MAY RISE TO MAX 1.6%) RTECS #:99999992Z Other REC Limits:NONE RECOMMENDED

Ingred Name:N-BUTYL ACETATE (SARA III) (VAPOR PRESSURE 13 MM HG @ 68F) CAS:123-86-4 RTECS #:AF7350000 Fraction by Wt: 15% Other REC Limits:NONE RECOMMENDED OSHA PEL:150 PPM;STEL 200 PPM ACGIH TLV:150 PPM;STEL 200 PPM EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (SARA III) (VAPOR PRESSURE 21 MM HG @ 100F) CAS:1330-20-7 RTECS #:ZE2100000 Fraction by Wt: 10.38% Other REC Limits:NONE RECOMMENDED OSHA PEL:100 PPM;STEL 150 PPM ACGIH TLV:100 PPM;STEL 150 PPM EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA III) (VAPOR PRESSURE 7.1 MM HG @ 68F) CAS:100-41-4 RTECS #:DA0700000 Fraction by Wt: 2.13% Other REC Limits:NONE RECOMMENDED OSHA PEL:100 PPM;STEL 125 PPM ACGIH TLV:100 PPM;STEL 125 PPM EPA Rpt Qty:1000 LBS DO T Rpt Qty:1000 LBS

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:INHAL: RESP TRACT IRRIT,NERV SYS DEPRESS (HEADACHE,DIZZY,STAGGER,CONFUSION,UNCONSCIOUS,COMA). SKIN: ISOCYANATE REACT W/PROTEIN CAUSING IRRIT (SWELL,RED,RASH). ABSORPT: IRRIT,DRYING,DEFATTING (CRACKING). EYE: IRRIT (TEAR,RED,SWELL W/STING).INGEST: IRRI T, CORROSIVE IN GI TRACT. VOMIT MAY CAUSE **ASPIRATION-CHEM PNEUMONITIS** Effects of Overexposure: ACUTE: VAPOR IRRITATING TO EYES, NOSE, THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING & UNCONSCIOUSNESS. CHRONIC: AS RESULT OF PREVIOUS REPEATED OVEREXPSOURE OR SINGLE LARGE DOSE, SOME WILL DEVELOP ISOCYANATE SENSITIZATION WHICH WILL CAUSE THEM TO REACT TO LATER ISOCYANATE EXPOSURE WELL BELOW TLV. Medical Cond Aggravated by Exposure: ASTHMA AND ANY OTHER RESPIRA TORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS. ISOCYANATE SENSITIZATION. First Aid:INHAL: MOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP. GET MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHES. WASH AFFECTED AREAS W/SOAP & WATER. WASH CONTAMINATED CLOTHING BEF ORE REUSE. EYES: FLUSH W/LUKEWARM WATER(LOW PRESSURE) 15 MIN, OCCASIONALLY LIFTING EYELIDS. GET MED AID. INGESTI ON: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MED AID. Flash Point Method:TCC Flash Point:67.0F,19.4C Lower Limits: 1.00 Upper Limits:7.60

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

Fire Fighting Procedures:USE FULL PROTECT CLOTH/FIREFIGHT EQUIP W/SCBA. WATER MAY BE USED TO COOL CLSD CNTNRS (PREVENT PRESS BLDUP/AUTOIGNIT/EXPLOS). HDI/IR

RIT VAPOR GENERATED BY FIRE.

Unusual Fire/Explosion Hazard:KEEP CNTNR CLSD. KEEP FROM HEAT/IGNIT SOURCE. CLSD CNTNR MAY EXPLODE W/HEAT. APPLIC TO HOT SURFACE REQ SPECIAL PRECAUTION. OVEREXPOSURE TO DECOMP PROD-HLTH HZD.

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

Handling and Storage Precautions: STORE IN BLDGS IN COMPLY W/OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES/IGNITION SOURCES. STORE IN CLOSED CONTAINERS IN WELL VENTILATED AREA.

Other Precautions:KEEP CONTAINERS TIGHT & UPRIGHT (PREVENT LEAK). PREVENT PROLONGED VAPOR BREATHING. PROLONGED OVEREXPOSURE MAY CAUSE ALLERGIC REACTION. AVOID CONTACT WITH SKIN & EYES. DO NOT INGEST. DON'T

HANDLE TILL MFR SFTY PRECAUTIONS READ/UNDERSTOOD.

Respiratory Protection: A RESPIRATOR RECOMMENDED FOR ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED). OBEY OSHA REGS FOR RESPIRATOR USE. PROVIDE VENT TO KEEP EXPOSURE LEVELS BELOW PEL. USE VAPOR PARTICULATE R SPRTR (TC23C) WHEN BELOW 10X TLV/PEL. Ventilation: EXHAUST VENT TO KEEP AIRBORNE CONCENTRATIONS BELOW TLV'S. REMOVE ALL IGNITION SOURCES.

Pr

otective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE Eye Protection:SPLASH GUARDS,SIDE/FACE SHIELDS,GOGGLES Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING WASHROOM. SMOKE IN SMOKING AREAS ONLY. Supplemental Safety and Health

Boiling Pt:B.P. Text:260 TO 288F Vapor Density:>AIR Spec Gravity:1.06242 Viscosity:* Evaporation Rate & amp; Reference:0.72 X N-BUTYL ACETATE Solubility in Water:INSOLUBLE Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR Percent Volatiles by Volume:30.5

Stability Indicator/Materials to Avoid:YES WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE ACTIVE MATERIALS. Stability Condition to Avoid:CONTACT WITH MOISTURE, MATERIAL WHICH

REACT

WITH ISOCYANATES AND HIGH TEMPERATURES. Hazardous Decomposition Products:BY HIGH HEAT/TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN, TRACES OF HCN & HDI.

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH FEDERAL, STATE, & LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE & FLAMMABLE VAPOR. DON'T INCINERATE CL OSED CON TAINERS. EPA CODE: D001, F003, F005.

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