

03W040 POLYURETHANE

MSDS Number

BDGTK

National Stock Number

8010-00-181-8282

Product Name

03W040 POLYURETHANE

Manufacturer

DEFT INC CHEMICAL COATING DIV

Product Identification

Product ID:03W040 POLYURETHANE

MSDS Date:08/10/1988

FSC:8010

NIIN:00-181-8282

Kit Part:Y

MSDS Number: BDGTK

Responsible Party

DEFT INC CHEMICAL COATING DIV

17451 VON KARMAN AVE

IRVINE , CA 92714-6205

US

Emergency Phone: 714-474-0400

Info Phone: 714-474-0400

Preparer: N. GAUL

Cage: 33461

Contractor

DEFT, INC.

IRVINE, CA 92614

US

949-474-0400

Cage: 33461

Ingredients

2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 25%

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight:

OSHA PEL150 PPM/200 STEL
ACGIH TLV: 150 PPM/200STEL;9192
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

TOLUENE (SARA III)
CAS: 108-88-3
RTECS: XS5250000
Fraction By Weight:
OSHA PEL200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS: 78-93-3
RTECS: EL6475000
Fraction By Weight: 5 - 10%
OSHA PEL200 PPM/300 STEL
ACGIH TLV: 200 PPM/300STEL 9192
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

ETHYL ACETATE (SARA III)
CAS: 141-78-6
RTECS: AH5425000
Fraction By Weight:
OSHA PEL400 PPM
ACGIH TLV: 400 PPM; 9192
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

PROPYLENE GLYCOL METHYL ETHER ACETATE
CAS: 108-65-6
RTECS: AI8295000
Fraction By Weight:
DIBUTYL TIN DILAURATE
CAS: 77-58-7
RTECS: WH7000000
Fraction By Weight:
OSHA PEL0.1 MG SN/M3 SKIN
ACGIH TLV: 0.1 MG SN/M3

"NOT HAZARDOUS" REMAINDER OF INGREDIENTS NOT NAMED AND THUS

Fraction By Weight: >62%

Hazards

LD50 LC50 Mixture:ORAL RAT LD50 IS NOT KNOWN

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:PRODUCT IS IRRITATING TO BODY TISSUES. MAY CAUSE DROWSINESS AND IRRITATE NOSE & THROAT. LARGE AMOUNTS CAN CAUSE SERIOUS INJURY. CHRONIC: REPEATED & PROLONGED SKIN CONTACT CAUSES SERIOUS IRRITATION & BURNS. VAPORS MAY INJURE LUNGS, LIVER, KIDNEY & CENTRAL NERVOUS SYSTEM.

Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO EYE, SKIN & RESPIRATORY TRACT IRRITATION. VAPORS MAY CAUSE DIZZINESS, HEADACHES, NAUSEA, AND SKIN/EYE IRRITATION. INHALING LIQUID WHILE VOMITING CAN SERIOUSLY INJURE LUNGS. MAY BURN OR BE ABSORBED THROUGH SKIN DURING PROLONGED OR REPEATED CONTACT, CAUSING SERIOUS INTERNAL INJURY.

Medical Condition Aggravated by Exposure:PERSONS WITH EXISTING EYE, SKIN, AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK WHEN HANDLING OR USING THIS PRODUCT.

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

Fire Fighting

Flash Point Method:TCC

Flash Point:23.0F,-5.0C

Lower Limits:1.2

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

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

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Accidental Release

Spill Release Procedures:REMOVE SOURCES OF IGNITION. USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL.

Handling

Handling and Storage Precautions:KEEP CONTAINER CLOSED AND AWAY FROM HEAT, SPARKS, AND OPEN FLAME. FLAMMABLE LIQUID; EMPTY CONTAINERS MAY CONTAIN HAZARDOUS VAPORS AND RESIDUES.

Other Precautions:STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT. USE AT ELEVATED TEMPERATURES OR SPRAY APPLICATIONS MAY REQUIRE ADDED PRECAUTIONS FOR PERSONAL PROTECTION.

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR ORGANIC DUST/VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:LOCAL AND MECHANICAL(GENERAL) ARE BOTH RECOMMENDED. AVOID OPEN ELECTRICAL IGNITION SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves: RUBBER OR PLASTIC RECOMMENDED.
Eye Protection: SAFETY GLASSES OR SAFETY GOGGLES
Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER. WEAR INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices: USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.
Supplemental Safety and Health
DO NOT HANDLE UNTIL MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

Chemical Properties

HCC: F3
Boiling Pt: B.P. Text: 169F, 76C
Vapor Density: >1
Evaporation Rate & Reference: 1.24 (BUTYL ACETATE = 1)
Appearance and Odor: WHITE LIQUID, SOLVENT ODOR
Percent Volatiles by Volume: 45.8

Stability

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products: CARBON DIOXIDE AND OTHER TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

Disposal

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. DGSC-HMIS SUGGESTS THAT DISPOSAL MAY BE DONE BY INCINERATION.

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