

POLYURETHANE

MSDS Number

BDZYM

National Stock Number

8010-00-482-5651

Product Name

POLYURETHANE

Manufacturer

DEFT INC CHEMICAL COATING DIV

Product Identification

Product ID:POLYURETHANE

MSDS Date:04/21/1989

FSC:8010

NIIN:00-482-5651

Kit Part:Y

MSDS Number: BDZYM

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

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

LEAD CHROMATE MOLYBDATE

CAS: 12656-85-8

RTECS: QA4660000

Fraction By Weight: 15%

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 15%

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: 15%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:INHALATION: IRRITATION OF THE RESPIRATORY TRACT AND ACUTE NERVOUS SYSTEM DEPRESSION. SKIN AND EYE CONTACT: IRRITATION. INGESTION:IRRITATION AND POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.

Explanation of Carcinogenicity:LEAD COMPOUNDS ARE LISTED BY OSHA, NTP AND IARC AND POSSIBLE HUMAN CARCINOGENS.

Effects of Overexposure:INHALATION:HEADACHE, DIZZINESS, STAGGERING GAIY, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN AND EYE CONTACT:SWELLING, REDNESS RASH ON SKIN AND STINGING IN EYES. INGESTION:CORROSION OF THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY DISORDER. SKIN ALLERGIES, ECZEMA AND DERMATITIS.

First Aid

First Aid:INHALATION:REMOVE FROM EXPOSURE. IF NECESSARY, PROVIDE BREATHING ASSISTANCE. SKIN:REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS WITH SOAP AND WATER. EYES:FLUSH WITH LUKEWARM WATER FOR AT LEAST 15 MIN. OBTAIN MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:TCC
Flash Point:23.0F,-5.0C
Lower Limits:1.5
Extinguishing Media:CO*2, FOAM, DRY CHEM.
Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP:H*2O SPRAY TO COOL CONTR.
Unusual Fire/Explosion Hazard:CAUTION AGAINST APPLICATION TO HOT SURFACES & USE IN AREAS WHERE SOURCES OF IGNITION MAY BE PRESENT.

Accidental Release

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

Handling

Handling and Storage Precautions:AVOID STORING NEAR HIGH TEMPERATURES, FIRE, OPEN FLAMES AND SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS.
Other Precautions:PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS.

Exposure Controls

Respiratory Protection:WHEN NECESSARY, USE A RESPIRATOR APPROVED FOR USE IN AN ORGANIC VAPOR ENVIRONMENT
Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATIONS OF SOLVENTS OR MISTS BELOW THEIR TLV'S.
Protective Gloves:NEOPRENE, RUBBER OR POLYETHYLENE.
Eye Protection:SAFETY GLASSES OR GOGGLES.
Other Protective Equipment:USE LONG SLEEVE AND LONG LEG CLOTHING.
Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING THE WASHROOM.
Supplemental Safety and Health
THERE HAS BEEN A FORMULATION CHANGE. SEE P/N F FOR NEW INGREDIENTS.

Chemical Properties

HCC:F2
Boiling Pt:B.P. Text:169F,76C
Vapor Density:>AIR
Spec Gravity:>WATER
Evaporation Rate & Reference:2.61 (BUTYL ACETATE)
Appearance and Odor:RED LIQUID WITH SOLVENT ODOR.
Percent Volatiles by Volume:69.5

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZERS, CORROSIVES
Stability Condition to Avoid:SHOCK,HEAT,IGNITION SOURCES
Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN. LEAD AND CHROMIUM OXIDES WHEN BURNED.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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