

03-W-40 CATALYST,WHITE 17875,ISOCYANATE

MSDS Number

BDGTJ

National Stock Number

8010-00-181-8281

Product Name

03-W-40 CATALYST,WHITE 17875,ISOCYANATE

Manufacturer

DEFT INC CHEMICAL COATING DIV

Product Identification

Product ID:03-W-40 CATALYST,WHITE 17875,ISOCYANATE

MSDS Date:08/25/1987

FSC:8010

NIIN:00-181-8281

Kit Part:Y

MSDS Number: BDGTJ

Responsible Party

DEFT INC CHEMICAL COATING DIV

17451 VON KARMAN AVE

IRVINE , CA 92714-6205

US

Emergency Phone: 800-424-9300 CHEMTREC

Info Phone: 714-474-0400

Preparer: N. GAUL

Cage: 33461

Contractor

DEFT, INC.

IRVINE, CA 92614

US

949-474-0400

Cage: 33461

Ingredients

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

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 45%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 5.0%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 10%

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 5%

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

BIURET OF 1,6 HEXAMETHYLENE DIISOCYANATE

CAS: 28182-81-2

Fraction By Weight: 30%

Hazards

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

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

Health Hazards Acute and Chronic:ACUTE: VAPORS/MISTS CAN IRRITATE MUCOUS MEMBRANES IN RESPIRATORY TRACT CAUSING RUNNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF BREATH & REDUCED LUNG FUNCTION. CHRONIC: REPEATED OVERE XPOSURES OR LARGE SINGLE DOSE MAY PRODUCE ISOCYANATE SENSITIZATION IN CERTAIN INDIVIDUALS.

Explanation of Carcinogenicity:NONE OF THE LISTED HAZARDOUS INGREDIENTS ARE LISTED AS CARCINOGENS BY NTP, IARC MONOGRAPHS OR OSHA.

Effects of Overexposure:INHALATION: HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN & EYE: REACTS WITH MOISTURE & CAN CAUSE IRRITATION, SWELLING, REDNESS, RASH, AND TEARING. SKIN ABSORPTION CAN CAUSE DRYING, DEFATTING & DERMATITIS. INGESTION: MAY BURN MOUTH, STOMACH TISSUE, & DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:ISOCYANATE SENSITIZATION, ASTHMA & DERMATITIS.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP & WATER. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET ME DICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:TCC

Flash Point:23F,-5C

Lower Limits:1.0

Upper Limits:11.5

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

Fire Fighting Procedures:FULL EMERGENCY EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE WORN BY FIRE FIGHTERS. ISOLATE FROM HEAT, FLAME, ETC.

Unusual Fire/Explosion Hazard:HDI VAPORS & OTHER IRRITATING VAPORS MAY BE GENERATED BY COMBUSTION. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

Accidental Release

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

Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN BUILDING CONFORMING TO OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES, FIRE, OPEN FLAMES, & SPARK SOURCES. KEEP CONTAINER TIGHTLY CLOSED

Other Precautions:KEEP CONTAINERS DRY, CLOSED & UPRIGHT. DO NOT STORE NEAR HIGH TEMPERATURES, FIRE, ETC. DO NOT CONTAMINATE WITH MOISTURE. DO NOT RESEAL CONTAINER IF CONTAMINATED. DO NOT HANDLE UNTIL SAFETY PRECAUTIONS HAVE BEEN READ & UNDERSTOOD.

Exposure Controls

Respiratory Protection:NIOSH APPROVED AIR SUPPLIED RESPIRATOR FOR ISOCYANATES IS RECOMMENDED. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS OF THE SOLVENT, HDI & POLYISOCYANATES BELOW THEIR TLV'S.

Protective Gloves:NEOPRENE, RUBBER, OR POLYETHYLENE

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS/GOGGLES

Other Protective Equipment:USE LONG SLEEVE AND LONG LEG CLOTHING.

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING TOILET. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DO NOT SMOKE IN USE AREA.

Supplemental Safety and Health

2 PART RESIN MODIFIED POLYURETHANE COATING;THIS DATA DESCRIBES CATALYST (COMPONENT II9,TYPE I MATERIAL OF MIL-C-83286B;ALSO KNOWN AS "DEFTHANE CATALYST"

Chemical Properties

HCC:F2

Boiling Pt:B.P. Text:175 TO 313F

Vapor Pres:29

Vapor Density:>1.0

Spec Gravity:0.9

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, LIGHT AMBER COLORED LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:65

Stability

Stability Indicator/Materials to Avoid:YES

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE ACTIVE MATERIALS.

Stability Condition to Avoid:CONTACT WITH MOISTURE, MATERIALS WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURES.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, TRACES OF HCN,HDI.

Disposal

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR. DO NOT INC INERATE CLOSED CONTAINERS.

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