

"B" COMPONENT, PDL X23-92 PART B

MSDS Number

BVDZP

National Stock Number

8040-00N051061

Product Name

"B" COMPONENT, PDL X23-92 PART B

Manufacturer

POLYMER DEVELOPMENT LABS INC

Product Identification

Product ID:"B" COMPONENT, PDL X23-92 PART B

MSDS Date:11/08/1990

FSC:8040

NIIN:00N051061

Kit Part:Y

MSDS Number: BVDZP

Responsible Party

POLYMER DEVELOPMENT LABS, INC

212 W TAFT AVE

ORANGE , CA 92665

US

Emergency Phone: 714-921-2300

Info Phone: 714-921-2300

Cage: IN060

Contractor

POLYMER DEVELOPMENT LABS, INC

ORANGE, CA 92665

US

714-921-2300

Cage: IN060

Ingredients

BE PUMPED INTO CLSD BUT NOT SEALED CNTNRS FOR DISP.

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

W/1-2% ADDED DETERGENT, LETTING IT STAND OVER

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

USED FOR THIS WITH PLASTIC AND DISPOSE OF PROPERLY

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

POLYVINYL ALCOHOL. COVER AS MUCH EXPOSED SKIN

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

AREA COVERED BY THE CREAM TO MINIMUM.

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

IF TEMPORARY CTL OF ISOCYANTE VAP IS REQD, BLANKET

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

HYDROXYL TERMINATED POLY (OXYALKYLENE) POLYETHER

CAS: 9049-71-2

Fraction By Weight: 63-92%

OSHA PELN/K

ACGIH TLV: N/K

TERTIARY AMINE BEARING COMPOUNDS

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

METHANE, TRICHLOROFLUORO-; (TRICHLOROFLUOROMETHANE)

CAS: 75-69-4

RTECS: PB6125000

Fraction By Weight: 5-34%

OSHA PEL1000 PPM

ACGIH TLV: C 1000 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

NO SPECIFIC ANTIDOTE. SUPPORTIVE

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

TO REACTIONS OF PATIENT. MANIFESTATIONS OF RESP SYMP,

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

DELAYED, MAY CAUSE RESPIRATORY SENSITIZATION.

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

SOLN CONSISTING OF MIXT OF WATER & 3-8%

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

ABOUT 10 PARTS OF NEUT PER PART OF ISOCYANATE

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

CALL PDL IMMED. IF IT IS TRANSPORTATION

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

SPILL AREA. DIKE SPILL TO PVNT ENTRY INTO ENVIRON.

RTECS: 9999999ZZ

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT)>20 G/KG (INGESTION)

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

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

Health Hazards Acute and Chronic:INHAL:MAY CAUSE RESP SENSIT IN

SUSCEPTIBLE INDIVIDUALS AT ROOM TEMP, VAPS ARE MINIMAL DUE TO LOW VAP PRESS. IF HEATED/SPRAYED AS AN AEROSOL, EXCESSIVE CONC ARE ATTAINABLE THAT CO*2 BE HAZ ON SINGLE EX POS. EXCESSIVE EXPOS MAY CAUSE IRRIT TOEYES, UPPER RESP TRACT & LUNGS, EFTS MAY BE DELAYED. DECREASED (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:VENTILATORY CAPACITY HAS BEEN ASSOC W/EXPOS TO SIMILAR ISOCYANATES; IT IS POSS THAT EXPOS TO MDI MAY CAUSE IMPAIRMENT OF LUNG FUNCTION. SKIN:MAY CAUSE ALLERGIC SKIN REACTION IN SUSCEPTIBLE IN DIVIDUALS. PRLNGD/RPTED CONT MAY CAUSE SKIN IRRIT. MAY STAIN SKIN. INGEST:NOT CONSIDERED RTE OF EXPOSURE. Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYE:FLUSH W/CLEAN, LUKE WARM WATER @ LOW PRESS FOR 15 MINS, OCCASNLY LIFTING EYELIDS. CONSULT PHYS IMMED. SKIN:REMOVE CONTAMD CLTHG. WASH EXPO AREA W/WARM SOAPY WATER THORO. CONTAMD CLTHG SHOULD BE PR OPERLY LAUNDERED BEFORE REUSING. INHAL:REMOVE VICTIM FROM AREA OF EXPOS TO SAFE AREA. IF NOT BRTHG, GIVE MOUTH TO MOUTH RESUSCITATION. IF BRTHG IS DFCLT, GIVE OXYG. CONSULT PHYS IMMED. (SUPDAT)

Fire Fighting

Flash Point Method:COC
Flash Point:425F,218C
Extinguishing Media:DRY CHEM EXTING SUCH AS MONOAMMONIA PHOSPHATE, POTASSIUM SULFATE, POTASSIUM CHLORIDE. ADDITIONALLY, CO*2, (SUPDAT)
Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . IF WATER IS USED, USE LG AMTS AS THE REACTION BETWEEN HOT ISOCYANTES & WATER CAN BE VIGOROUS.
Unusual Fire/Explosion Hazard:WATER CONTAMINATION WILL PRODUCE CO*2. DO NOT RE-SEAL CONTAMD CNTNRS AS PRESSURE BUILDUP MAY RUPTURE THEM.

Accidental Release

Spill Release Procedures:MINOR SPILLS:CONTAIN SPILLED MATL & COVER W/LOOSE ABSORB MATL SUCH AS OILDRY, VERMICULITE, SAWDUST/FULLER'S EARTH. SHOVEL WASTE MATL INTO PROPER WASTE CNTNRS. DO NOT MAKE PRESS TIGHT. TRANSPORT TO WEL L-VENTILATED AREA & TREAT W/NEUTRALIZING (ING 7)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:PROD IS REACTIVE W/WATER. CNTNRS SHOULD BE TIGHTLY SEALED TO PVNT MOISTURE CONTAM. ALWAYS SLOWLY VENT CNTNR WHEN OPENING TO RELIVE PRESS ANY BUILDUP.
Other Precautions:NITROGEN BLANKET SHOULD BE USED FOR BUILDING STOR. STORE AT TEMP OF 65 TO 75/ PROTECT FROM FREEZING. IF CONTAM OF MDI IS SUSPECTED, DO NOT RE-SEAL CNTNR BECAUSE OF POSS RUPTURE DUE TO PRESSURE BUILDUP .

Exposure Controls

Respiratory Protection:PROD HAS DEMONSTRATED NO OBSERVABLE EFTS @ ROOM TEMP, HOWEVER, ATM LEV SHOULD BE MAINTAINED. IN ADDITION, ANY SPRAY APPLIC/SITUATION WHERE AIRBORNE PARTICULATES/AEROSOL ARE GENERATED, NIOSH/MSHA APPRV D SUPPLIED AIR SOURCE MUST BE PROVIDED.
Ventilation:NATRL/MECH. LOC EXHAUST WILL KEEP TLV BELOW MIN IN MOST CASES. SPILLS/OTHER EMER MAY REQ MORE FORCE VENT MEANS.
Protective Gloves:CHEM RESIST SUCH AS NATL RUBBER (ING 15)
Eye Protection:ANSI APPRVD CHEM WORKER GOGGLES .
Other Protective Equipment:SAFETY SHOWERS & EYE WASH STATIONS WHICH MEET ANSI DESIGN CRITERIA .
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
EXTING MEDIA:HIGH EXPANSION (PROTEINIC) CHEM FOAM, WATER SPRAY FOR LG FIRES. MATLS TO AVOID:COMBINED EFCT OF CO*2 & HEAT CAN PRDCE ENOUGH PRESS TO RUPTURE CLSD CNTNR. SOME REACTIONS ARE VIOLENT IN PRE SENCE OF ABOVE MATLS. FIRST AID PROC:INGEST:NO ADVERSE EFTS ANTIC BY RTE OF EXPOS INCIDENTAL TO PROPER INDUS (ING 4)

Chemical Properties

Boiling Pt:B.P. Text:DECOMPOSES
Spec Gravity:1.01
Evaporation Rate & Reference:NOT KNOWN
Solubility in Water:COMPLETELY SOLUBLE
Appearance and Odor:CLEAR TO DARK BROWN VISCOUS LIQUID, SLIGHTLY ETHEREAL

Stability

Stability Indicator/Materials to Avoid:YES

WATER, ACID, BASES, METAL CMPDS & SURF ACTIVE MATLS. AVOID WATER AS IT REACTS TO FORM HEAT, CO*2 INSOLUBLE UREA.(SUPDAT)

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:ISOCYANATE VAPOR & MIST. CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES & TRACES OF HYDROGEN CYANIDE.

Conditions to Avoid Polymerization:INCOMPATIBLE REACTANTS, ESP STRONG BASES, WATER/TEMS OVER 347F (175C). TEMP OVER 120F (49C) ACCELERATE REACTION W/WATER.

Disposal

Waste Disposal Methods:WASTE MATL MAY BE INCIN AT PROVIDED FACILITIES/DISPOSED OF UNDER LOCAL, STATE & FEDERAL REGS CONTROLLING ENVIRONMENTAL PROTECTION.

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