

EPOXY MIL-C-22750 16473 M8-053

MSDS Number

BNBYD

National Stock Number

8010-00-082-2438

Product Name

EPOXY MIL-C-22750 16473 M8-053

Manufacturer

CRAWFORD LABORATORIES INC

Product Identification

Product ID:EPOXY MIL-C-22750 16473 M8-053

MSDS Date:11/07/1989

FSC:8010

NIIN:00-082-2438

Kit Part:Y

MSDS Number: BNBYD

Responsible Party

CRAWFORD LABORATORIES, INC

4165 SOUTH EMERALD AVENUE

CHICAGO , IL 60609

US

Emergency Phone: 1-312-433-1307

Info Phone: 1-312-376-7132

Cage: DO165

Contractor

CRAWFORD LABORATORIES, INC

CHICAGO, IL 60609

US

312-376-7132

Cage: 5V430

Ingredients

ETHYL ACETATE (VP 129 MM HG)

CAS: 141-78-6

RTECS: AH5425000

Fraction By Weight: 5-20%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

METHOXY-2-PROPANOL (VP 10.9 MM HG)(CONTAINS NEXT TWO

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 1-5%

OSHA PEL100 PPM

METHOXY-2-PROPANOL

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 97%*

METHOXY-1-PROPANOL

CAS: 1589-47-5

Fraction By Weight: 3% *

NORMAL BUTYL ACETATE (VP 13. MM HG)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 5-20%

OSHA PEL150 PPM

ACGIH TLV: 150 PPM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

CRYSTALLINE SILICA

CAS: 14464-46-1

RTECS: VV7325000

Fraction By Weight:

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.05 MG/M3 RDUST9293

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

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight:

OSHA PEL100 PPM

ACGIH TLV: 100 PPM/150STEL;9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 5-20%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: YES
Explanation of Carcinogenicity: CRYSTALLINE SILICA IS LISTED AS A
CARCINOGEN BY IARC.

Effects of Overexposure: ACUTE TOXICITY, RESULTING IN
HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF CONSCIOUSNESS, EYE
IRRITATION, IRRITATED MUCOUS MEMBRANES, VOMITING DUE TO
INGESTION, DEFATTING AND DRYING OF THE SKIN, WHICH MAY RESULT IN
IRRITATION AND DERMATITIS.

First Aid

First Aid: EYE-FLUSH W/LUKEWARM LOW PRESS WTR 15 MIN. OCCAS LIFT EYELIDS
OPEN. GET MED ATTN. INHALE-MOVE TO FRESH AIR, PROVIDE OXYGEN IF BREATH
IS DIFF. GIVE ARTIFICIAL RESP IF NOT BREATHING. GET MED ATTN. KEEP
QUIET. N EVER GIVE UNCONC LIQUIDS. INGEST-DONT INDUCE VOMIT. KEEP HEAD
BELOW HIPS. GET MED ATTN. IF IF CONSC/ALERT 1 PINT LUKEWARM
WTR. SKIN-FLUSH W/WTR, REMOVE CLOTH/SHOES. WASH W/SOAP/WTR. IFF IRRIT
PERS GET MED ATN

Fire Fighting

Flash Point Method: SCC
Flash Point: 43 F SETA
Lower Limits: 1. %
Extinguishing Media: FOAM, CO2, OR DRY CHEMCIAL
Fire Fighting Procedures: WATER MAY BE USED TO KEEP EXPOSED CONTAINERS
COOL, AND TO KEEP FLAMMABLE STRUCTURES WET. DONT ENTER FIRE AREA W/O
PROPER PROTECTION, HAZ DECOMP PROD MAY BE PRES.
Unusual Fire/Explosion Hazard: WATER PRESSURE MAY SPREAD A FLAMMABLE
LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

Accidental Release

Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIP
MUST BE GROUNDED TO PREVENT SPARKING. SOAK UP WITH AN ABSORBENT AND
PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions: TREAT AS HAZ MAT. KNOW APPLIC D.O.T
REGS BEFORE ATTEMPT TRANSPORT. "WARNING" HOT ORGANIC CHEM VAPORS/MIST
ARE SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUST*
Other Precautions: *WHEN MIXED W/AIR. IGNIT MAY OCCUR AT TYPICAL ELEV
TEMP PROCESS CONDITIONS. ESPEC IN PROCCES OPERATE UNDER VACUUM IF
SUBJ TO SUDDEN INGRESS OF AIR/PROCESS EQUIP. USE IN ELEVATED TEMP
PROCESS SHOULD BE THOROUGHLY EVALUATED.

Exposure Controls

Respiratory Protection: PROVIDE ADEQ VENT TO MAINTAIN VAPOR
CONCENTRATIONS BELOW ESTABLISHED TLV LIMIT AS GIVEN BY
OSHA. CONFINED AREAS NIOSH-MSHA RESP EQUIPPED WITH ORGANIC VAPOR
CARTRIDGE SHOULD BE WORN.
Ventilation: MUST PROVIDE ADEQUATE VENTILATION.
Protective Gloves: RUBBER GLOVES
Eye Protection: APPROVED SAFETY GOGGLES/FACE SHIELD
Other Protective Equipment: HAVE EYE BATH AVAILABLE.
Supplemental Safety and Health
NK

Chemical Properties

Boiling Pt: B.P. Text: 124 TO 284F
Vapor Density: >AIR
Spec Gravity: 11.31 LBS

Evaporation Rate & Reference: 2.42XN-BUTYL ACETATE

Appearance and Odor: GREY LIQUID

Percent Volatiles by Volume: 45.2%

Stability

Stability Indicator/Materials to Avoid: YES

AVOID OXIDIZING AGENTS AND STRONG ALKALIES.

Stability Condition to Avoid: AVOID HEAT, SPARKS, OPEN FLAMES, OXIDIZING AGENTS AND STRONG ALKALIES.

Hazardous Decomposition Products: INCOMPLETE COMBUSTION FOR PRODUCTS LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE AND OTHER TOXIC GASES.

Conditions to Avoid Polymerization: AVOID HEAT, SPARKS, OPEN FLAMES, OXIDIZING AGENTS, STRONG ALKALIES.

Disposal

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT AN APPROVED DISPOSAL FACILITY.

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