

## **EPOXY PART A, MIL-C-22750E GLOSS, M1-048**

### **MSDS Number**

BNCNC

### **National Stock Number**

8010-01-313-8710

### **Product Name**

EPOXY PART A, MIL-C-22750E GLOSS, M1-048

### **Manufacturer**

CRAWFORD LABORATORIES INC

### **Product Identification**

Product ID:EPOXY PART A, MIL-C-22750E GLOSS, M1-048

MSDS Date:03/03/1992

FSC:8010

NIIN:01-313-8710

Kit Part:Y

MSDS Number: BNCNC

### **Responsible Party**

CRAWFORD LABORATORIES, INC.

4165 SOUTH EMERALD AVENUE

CHICAGO , IL 60609

US

Emergency Phone: 800-424-9300 CHEMTREC

Info Phone: 312-376-7132

Preparer: DAVID SCHMETTERER

Cage: DO165

### **Contractor**

CRAWFORD LABORATORIES, INC

CHICAGO, IL 60609

US

312-376-7132

Cage: 5V430

### **Ingredients**

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

BISPHENOL A-EPICHLOROHYDRIN RESIN

CAS: 25085-99-8

Fraction By Weight: 30%

ALIPHATIC GLYCIDYL ETHER (THIS MATERIAL CONTAINS

CAS: 68609-97-2

Fraction By Weight:

# TWA OF 2 PPM. THE POTENTIAL CONTRIBUTION OF

RTECS: 9999999ZZ

METHYL ETHYL KETONE (SARA III) (VAPOR PRESSURE 71.2 MM HG)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 20%

OSHA PEL100 PPM

ACGIH TLV: 200 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

MAGNESIUM SILICATE HYDRATE (CONTAINS CRYSTALLINE SILICA AT

CAS: 14807-96-6

RTECS: WW2710000

Fraction By Weight: 25%

ACGIH TLV: 2 MG/M3

302 GPL

RTECS: 9999999VO

## Hazards

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

Health Hazards Acute and Chronic:OVEREXPOSURE: ACUTE TOXICITY RESULTING IN HEADACHE, DIZZINESS, NAUSEA & LOSS OF CONSCIOUSNESS. SEVERE EYE IRRITATION POSSIBLY RESULTING IN PERMANENT DAMAGE. IRRITATED MUCOUS MEMBRANES. VOMITING DUE TO INGESTION. DEFATTING & DRYING OF SKIN.SENSITIZATION AFTER REPEATED CONTACT. IT IS UNLIKELY THAT NORMAL WORK \*

Explanation of Carcinogenicity:IARC HAS DETERMINED THAT THERE IS LIMITED EVIDENCE OF THE CARCINOGENICITY OF CRYSTALLINE SILICA TO HUMANS.

Effects of Overexposure:\* OPERATIONS WITH THIS RESIN COULD PRODUCE ATMOSPHERIC CONCENTRATIONS APPROACHING OSHA LIMIT. HOWEVER YOU SHOULD BE AWARE THAT IT HAS BEEN REPORTED TO CAUSE CANCER IN LABRATORY ANIMALS.

## First Aid

First Aid:EYE: FLUSH W/LUKEWARM LOW PRESSURE WATER 15 MIN, OCCASION LIFTING EYELIDS. GET MED AID. INHAL: REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIF RESPIRATION IF NOT BREATHING. GET MED AID. KEEP WARM & COMFORTABLE. INGESTION: CALL DR IMMED. INDUCE VOMITING ON DR INSTRUCTIONS. IF VOMIT OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF PROD INTO LUNGS. NOTHING BY MOUTH TO\*\*

## Fire Fighting

Flash Point Method:SCC  
Flash Point:22.0F,-5.6C  
Lower Limits:1.2  
Extinguishing Media:FOAM, CO2, DRY CHEMICAL.  
Fire Fighting Procedures:WATER MAY BE USED TO KEEP EXPOSED CONTAINER COOL AND TO KEEP FLAMMABLE STRUCTURES WET.  
Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A FLAMMABLE LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

## Accidental Release

Spill Release Procedures:WARNING--FLAMMABLE, ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT, SPARKING. SOAK UP WITH ABSORBENT AND PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOS AL.

## Handling

Handling and Storage Precautions:HAZARDOUS-FLAMMABLE. KNOW DOT REGS BEFORE TRANSPORT. WARNING: HOT ORGANIC CHEMICAL VAPORS/MISTS ARE SUSCEPTIBLE TO SPONTANEOUS COMBUST IN MIX W/AIR.  
Other Precautions:IGNIT MAY OCCUR AT TEMPS BELOW AUTOIGNIT. IGNIT TEMPS DECREASE W/INCREASING VAPOR VOLUME & VAPOR/AIR CONTACT & PRESSURE CHANGES. IGNIT MAY OCCUR AT TYPICAL ELEVATED TEMP PROCESS CONDITIONS, ESP IN OPE RATING UNDER VACUUM IF SUBJECT TO \*\*

## Exposure Controls

Respiratory Protection:IMPORTANT-MUST PROVIDE VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW TLV AS GIVEN BY OSHA. IN MORE CONFINED AREAS A NIOSH-MSHA RESPIRATOR EQUIPPED WITH ORGANIC VAPOR CARTRIDGE SHOULD BE WORN.

Ventilation:MUST PROVIDE ADEQUATE VENTILATION. SEE RESPIRATORY PROTECTION.

Protective Gloves:USE RUBBER GLOVES.

Eye Protection:WEAR SAFETY GOGGLES AND/OR FACE SHIELD.

Other Protective Equipment:HAVE EYE BATH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:N/K \*\*\*& SHOES. FOLLOW BY WASHING W/SOAP & WATER. DON'T REUSE CONTAM CLOTH/SHOES. IF IRRIT PERSISTS, GET MED AID.

Supplemental Safety and Health

\*\*SUDDEN INGRESS OF AIR, OR OUTSIDE PROCESS EQUIPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS OR MISTS TO THE ATMOSPHERE OCCURS. ANY PROPOSED USE OF THIS PRODUCT IN ELEVATED TEMPE RATURE PROCESSES SHOULD BE THOROUGHLY EVALUATED TO ASSURE THAT SAFE OPERATING CONDITIONS ARE ESTABLISHED AND MAINTAINED.

## Chemical Properties

Boiling Pt:B.P. Text:174 TO 232F

Vapor Density:> AIR

Spec Gravity:1.20

Viscosity:>200 CS

Evaporation Rate & Reference:4.05 X N-BUTYL ACETATE

Solubility in Water:SLIGHT

Appearance and Odor:WHITE LIQUID, SOLVENT ODOR.

Percent Volatiles by Volume:37.0

Corrosion Rate:NOT CORR

## Stability

Stability Indicator/Materials to Avoid: YES

MAY BE INCOMPATIBLE WITH OXIDIZING AGENTS AND STRONG ALKALIES.

Stability Condition to Avoid: AVOID HEAT, SPARKS, OPEN FLAMES AND INCOMPATIBILITIES.

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

## **Disposal**

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT AN APPROVED DISPOSAL FACILITY. EPA HAZARDOUS WASTE # D001. IGNITABLE.

**\*\*UNCONSCIOUS PERS ON. SKIN: FLUSH W/WATER WHILE REMOVING CLOTHING\*\*\***

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