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## **GRAY EPOXY 16F20-102-36231, 422T100**

### **MSDS Number**

BSCQH

### **National Stock Number**

8010-00N045375

### **Product Name**

GRAY EPOXY 16F20-102-36231, 422T100

### **Manufacturer**

DEXTER

### **Product Identification**

Product ID:GRAY EPOXY 16F20-102-36231, 422T100

MSDS Date:03/26/1993

FSC:8010

NIIN:00N045375

MSDS Number: BSCQH

### **Responsible Party**

DEXTER

31500 HAYMAN

HAYWARD , CA 94544

US

Emergency Phone: 510-471-7171

Info Phone: 510-471-7171

Cage: 98795

### **Contractor**

DEXTER CORP THE DEXTER CROWN METRO AEROSPACE DIV

HAYWARD, CA 94544-7120

US

510-471-7171

Cage: 98795

### **Ingredients**

70.2@20C

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight:

OSHA PEL200 PPM;300 PPM STEL

ACGIH TLV: 200 PPM;300 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

BARIUM; (BARIUM IN NON-VOLATILES)

CAS: 7440-39-3

RTECS: CQ8370000

Fraction By Weight: 1-2%

OSHA PEL0.5 MG/M3  
ACGIH TLV: 0.5 MG/M3

2.4 POUNDS PER GALLON LESS  
RTECS: 9999999VO  
OSHA PELN/K  
ACGIH TLV: N/K

SILICA, CRYSTALLINE - QUARTZ  
CAS: 14808-60-7  
RTECS: VV7330000  
Fraction By Weight:  
OSHA PEL0.1 MG/M3 RDUST  
ACGIH TLV: 0.1 MG/M3 RDUST

SILICA, CRYSTALLINE - CRISTOBALITE  
CAS: 14464-46-1  
RTECS: VV7325000  
Fraction By Weight:  
OSHA PEL0.05 MG/M3 RDUST  
ACGIH TLV: 0.05 MG/M3 RDUST

2.14@20C  
CAS: 110-43-0  
RTECS: MJ5075000  
Fraction By Weight: 10-20%  
OSHA PEL100 PPM  
ACGIH TLV: 50 PPM

21@20C  
CAS: 1330-20-7  
RTECS: ZE2100000  
Fraction By Weight:  
OSHA PEL100 PPM;150 PPM STEL  
ACGIH TLV: 100 PPM;150 PPM STEL  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE BY INHALATION MAY  
CAUSE IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS, OR

DROWSINESS. SKIN/ EYE : IRRITANT TO EYES AND SKIN. CHRONIC: THOSE HAZ MATLS LISTED MAY AFFECT THE FOLLOWING ORGANS: RESPIRATORY TRACT, CNS, KIDNEYS, LIVER, CARDIAC SENSITIZATION.  
Explanation of Carcinogenicity: SILICA, CRYSTALLINE-CRISTOBALITE: IARC MONOGRAPHS, SUPPLEMENT, VOL 7, PG 341, 1987: GRP 2A. NTP 6TH ANNUAL (SUPP DATA)  
Effects of Overexposure: SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure: UNKNOWN AT THIS TIME.

## First Aid

First Aid: INHAL: REMOVE FROM EXPOSURE. EYE: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER. INGEST: DRINK WATER. IF NECESSARY, CONSULT A PHYSICIAN FOR ANY OF THESE CONDITIONS.

## Fire Fighting

Flash Point Method: SCC  
Flash Point: 23.0F, -5.0C  
Lower Limits: 1.10%  
Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.  
Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT.  
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

## Accidental Release

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION, AVOID BREATHING VAPORS, VENTILATE AREA, & REMOVE WITH INERT ABSORBENT & NON-SPARKING TOOLS.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions: DO NOT TAKE INTERNALLY. CONTROLS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQ IN EXCESS OF A FEW INCHES.  
Other Precautions: MAKE SURE DRUM IS COMPLETELY EMPTY BEFORE ATTEMPTING TO WELD/BRAZE. DRUM SHOULD BE INDUSTRIALLY CLEANED PRIOR TO REUSE. DO NOT FLAME CUT, BRAZE/WELD WITHOUT A NIOSH/MSHA APPROVED RESP/APPROPRIATE VENTILATION.

## Exposure Controls

Respiratory Protection: WHERE GEN DILUT/LOC EXHST FAILS TO ADEQUATELY DILUTE TWA/PEL OF MATL, THEN RESP PROT SHOULD BE USED AS FOLLOWS: I/A/W 29CFR 1910.134, USE NIOSH/MSHA APPROVED AIR LINE TYPE RESP/HOODS FOR ENCLOSED & CONFINEED AREAS. NIOSH/MSHA APPROVED (SUPP DATA)  
Ventilation: PROVIDE GEN DILUT/LOC EXHST VENT TO KEEP TWA AND LEL BELOW ACCEPTABLE LIM AND TO REMOVE DECOMP PRODS.  
Protective Gloves: CHEMICAL RESISTANT GLOVES.  
Eye Protection: SAFETY EYEWEAR.  
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
EXPLAN OF CARCIN: REPORT ON CARC, 1991: ANTIC TO BE CARCIN. SILICA, CRYSTALLINE-QUARTZ: IARC MONOGRAPHS, SUPPLEMENT, VOL 7, PG 341, 1987: GRP 2A. NTP 6TH ANNUAL REPORT ON CARCIN, 1991: ANTIC TO BE CARCIN. RESP PROT: AIR PURIFYING RESP MAY BE USED FOR OTHER AREAS.

## Chemical Properties

HCC: F3  
Boiling Pt: B.P. Text: >175F, >79C  
Vapor Pres: SEE INGRED  
Vapor Density: HVR/AIR  
Spec Gravity: 1.66  
Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

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## Stability

Stability Indicator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: FUMES MAY CONTAIN CARBON MONOXIDE & OXIDES OF NITROGEN. MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSE AS IN WELDING.

## Disposal

Waste Disposal Methods: DISPOSE OF I/A/W LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING TO CLEAN UP, SEE INGREDIENTS SECTION.

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