

DEXTER ELECTRONIC MATERIALS, THE DEXTER CORP. -- HYSOL EE 4215 -- 8040-01-176-7619
===== Product Identification =====

Product ID:HYSOL EE 4215

MSDS Date:12/06/1990

FSC:8040

NIIN:01-176-7619

MSDS Number: BKKHF

=== Responsible Party ===

Company Name:DEXTER ELECTRONIC MATERIALS, THE DEXTER CORP.

Address:211 FRANKLIN ST.

City:OLEAN

State:NY

ZIP:14760

Country:US

Info Phone Num:716-372-6300

Emergency P

hone Num:716-372-6309

Preparer's Name:JAMES P. HORNBURG

CAGE:04347

=== Contractor Identification ===

Company Name:DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV

Address:211 FRANKLIN ST.

Box:City:OLEAN

State:NY

ZIP:14760-1297

Country:US

Phone:716-372-6300/6309

CAGE:04347

Company Name:ROBERT MCKEOWN

Address:111 CHAMBERS BROOK RD.

Box:City:BRANCHBURG

State:NJ

ZIP:08876

Country:US

Phone:908-218-9000

CAGE:MCKEO

===== Composition/Information on Ingredients =====

Ingred Name:SILICA,

CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 46.000%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:EPOXY RESIN
CAS:25068-38-6
RTECS #:KD4380000
Fraction by Wt: 30-60%
Other REC Limits:NONE SPECIFIED

=====
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:INHAL
E: PROLONGED OVEREXPO TO FREE
SILICAL DUST(W/OUT SILICON DIOXIDE) ABOVE TLV MAY CAUSE SCARRING OF LUNGS W/COUGH & SHORTNESS OF BREATH. SILICOSIS (DELAYED LUNG INJURY) MAY RESULT. SKIN: IRRITATIO N W/PROLONG/REPEAT EXPOS. SENSITIZATION. EYES: IRRITATION. MAY CAUSE (BUT UNLIKELY) ATMOSPHEREIC EPICHLOROHYDRIN (ECH).
Explanation of Carcinogenicity:QUARTZ: GROUP 2A CARCINOGEN (PROBABLE) BY IARC. EPOXY RESIN CONTAINS TRACE OF ECH WHICH KNOWN TO CALIF TO CAUSE CANCER.

=====
===== First Aid Measures =====

First Aid:EYES: FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. GET MEDICAL AID.
SKIN: REMOVE CONTAM CLOTHES & SHOES, WIPE OFF EXCESS. FOR IRRITATION, GET MED AID. INHALE: REMOVE TO FRESH AIR & PROVIDE OXYGEN IF BREATHIN G IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL AID. INGEST: DO NOT INDUCE VOMITING. GET MEDICAL AID. SPONTANEOUS VOMITING: HEAD BELOW HIPS TO PREVENT ASPIRATION TO LUNGS.

=

=====
Fire Fighting Measures
=====

Flash Point Method:COC

Flash Point:450F,232C

Extinguishing Media:USE CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES;
FOAM (ALCOHOL, POLYMER OR ORDINARY FOAM) FOR LARGE FIRES.

Fire Fighting Procedures:NONE-AVOID BREATHING SMOKE.

Unusual Fire/Explosion Hazard:NONE

=====
Accidental Release Measures
=====

Spill Release Procedures:CLEANUP AND DISPOSAL SHOULD BE IN ACCORDANCE
WITH FEDERAL, STATE
AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

=====
Handling and Storage
=====

Handling and Storage Precautions:STORE IN A DRY AREA, AVOID SKIN
CONTACT.

=====
Exposure Controls/Personal Protection
=====

Respiratory Protection:NONE NEEDED.

Ventilation:LOCAL EXHAUST-ONLY IF HEATED. MECHANICAL (GENERAL) NOT
NEEDED.

Protective Gloves:RUBBER OR PLASTIC GLOVES.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:WEAR COVE
RALLS OR APRON TO AVOID CLOTHING
AND SKIN CONTAMINATION.

Supplemental Safety and Health

=====
Physical/Chemical Properties
=====

Boiling Pt:B.P. Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.56

Evaporation Rate & Reference:>1

Solubility in Water:0

Appearance and Odor:BLACK, HIGH VISCOSITY LIQUID, ALMOST NO ODOR.

Percent Volatiles by Volume:0

=====
Stability and Reactivity Data
=====

Stability Indicator/Materials to Avoid:Y

ES

AVOID CONTAMINATION WITH ALKALIES, ACIDS, AMINES AND WATER.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON MONOXIDE, ALDEHYDES, ACIDS AND OTHER UNDETERMINED ORGANIC COMPOUNDS.

Conditions to Avoid Polymerization:EXOTHERMIC CURE MAY OCCUR WHEN LARGE QUANTITIES ARE MIXED WITH CURING AGENTS (LARGE MIXED BATCHES).

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.