

===== Product Identification =====

Product ID:HYSOL RE2038

MSDS Date:08/18/1989

FSC:8040

NIIN:00-779-4704

MSDS Number: BQDLW

=== 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 Phone Num:716-372-6309

Preparer's Name:JAMES P HORNBERG

CAGE:04347

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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

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

Ingred Name:EPOXY RESIN (NON HAZARDOUS--RESIN CONTAINS TRACE OF
EPICHLOROHYDRIN WHICH IS KNOWN TO STATE OF CALIF TO CAUSE CANCER)

CAS:25068-38-6

Fraction by Wt: 88.000%

Other REC Limits:NONE SPECIFIED

Ingred Name:1,2-EPOXY-
3-BUTOXY PROPANE (SARA III) (CALIFORNIA PROP
65-CARCINOGEN)

CAS:2426-08-5

Fraction by Wt: 12.000%

Other REC Limits:NONE SPECIFIED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:SKIN: IRRITATING ON PROLONGED/REPEATED
CONTACT, SKIN SENSITIZATION. EYES: IRRITATING. UNLIKELY THAT NORMAL
WORK OPERATIONS COULD PRODUCE AIRBORNE CONCENTRATIONS (EC

H)
APPROACHING PEL, BUT REPORTED TO PRODUCE CANCER IN ANIMALS &
MUTAGENIC CHANGES IN BACTERIAL & CULTURED HUMAN CELLS. RESPIRATORY
PASSAGES-MILD IRRITATION.
Explanation of Carcinogenicity:THERE IS WEAK EVIDENCE THAT EXPOSURE TO
EPICHLOROHYDRIN POSES A CANCER RISK TO HUMANS.

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

First Aid:EYE: FLUSH W/WATER 15 MIN HOLDING EYELID OPEN. GET MED AID.
SKIN: REMOVE CONTAM CLOTHES & SHOES, WIPE OFF EXCESS. WASH W/SO
AP &
WATER. IF IRRIT OCCURS, GET MED AID. INHAL: REMOVE TO FRESH AIR,
PROVIDE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIF RESPIRATION IF
NOT BREATHING. GET MED AID. INGEST: DONT INDUCE VOMIT, IF VOMIT
OCCURS, KEEP HEAD BELOW HIPS (PREVENT ASPIRATION OF LIQ TO LUNG).
GET MED AID.

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

Flash Point Method:CC
Flash Point:155F,68C
Lower Limits:.4
Upper Limits:1.3
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL FOR S
MALL FIRES. FOAM
FOR LARGE FIRES.
Fire Fighting Procedures:NONE
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:MAY CAUSE SKIN SENSITIZATION & OTHER
ALLERGIC RESPONSES
Other Precautions:USE ONL

Y WITH ADEQUATE VENTILATION, PARTICULARLY IF
HEATED OR SPRAYED. AVOID CONTACT WITH SKIN OR EYES.

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

Respiratory Protection: AIR SUPPLIED MASK IN CONFINED AREAS.

Ventilation: LOCAL EXHAUST PREFERRED; MECHANICAL (GENERAL) ACCEPTABLE

Protective Gloves: PLASTIC OR RUBBER

Eye Protection: SAFETY GLASSES OR GOGGLES

Other Protective Equipment: SAFETY SHOWER AND EYE BATH. USE COVERALLS OR
APRON TO PROTECT AGAINST SKIN AND CLOTHING CONT
AMINATION.

Work Hygienic Practices: DO NOT REUSE CLOTHING UNTIL CLEANED. LEATHER
ARTICLES INCLUDING SHOES CANNOT BE DECONTAMINATED, SHOULD BE
DESTROYED.

Supplemental Safety and Health

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

Boiling Pt: B.P. Text: 284F, 140C

Vapor Pres: 2 @ 20C

Vapor Density: 3.8 @ 25C

Spec Gravity: 1.14

Evaporation Rate & Reference: >1

Solubility in Water: