

DEXTER ELECTRONIC MATERIAL, THE DEXTER CORPORATION -- HYSOL HE 3475 --
8040-01-016-1477

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

Product ID:HYSOL HE 3475

MSDS Date:02/10/1989

FSC:8040

NIIN:01-016-1477

MSDS Number: BQSHY

=== Responsible Party ===

Company Name:DEXTER ELECTRONIC MATERIAL, THE DEXTER CORPORATION

Address:211 FRANKLIN STREET

City:OLEAN

State:NY

ZIP:14760

Country:US

Info Phone Num:716-372-630

0

Emergency Phone 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

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

Ingred Name:DIETHYLENETRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: 30-60%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 PPM

ACGIH TLV:1 PP

M

Ingred Name:EPOXY RESIN (CONTAINS TRACE OF EPICHLOROHYDRIN)

CAS:25068-38-6

RTECS #:KD4380000

Fraction by Wt: 43.570%

Other REC Limits:NONE SPECIFIED

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

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:EYE: SEVERE IRRIT W/CORNEAL INJURY,
PERMANENT DAMAGE, BLINDNESS. SKIN: BURNS, ALLERGIC REACTION, IRRIT,
SENSITIZATION. SK

IN ABSORPTION: ONE PROLONGED EXPOSURE MAY RESULT

IN MATERIAL ABSORPTION IN HAR MFUL AMOUNTS. INGEST:

GASTROINTESTINAL IRRIT/ULCERATION. MOUTH, THROAT BURNS. INHALE:

RESPIRATORY SENSITIZATION *

Explanation of Carcinogenicity:RESIN CONTAINS TRACE OF EPICHLOROHYDRIN
(ECH) WHICH IS KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER.

Effects of Overexposure:* OR ASTHMA IN SUSCEPTIBLE INDIVIDUALS.

EXCESSIVE EXPOSURE MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

Medical Cond Aggravate

d by Exposure:ECH CONC CLOSE TO THE OSHA LIMIT

HAVE BEEN REPORTED TO PRODUCE MUTAGENIC CHANGES IN BACTERIA &

CULTURED HUMAN CELLS. REPORTS ON ECH WORKERS SHOW "WEAK" EVIDENCE

THAT EXPOSURE TO ECH POSES CANCER RISK.

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

First Aid:EYE: IMMEDIATE & CONTINUAL RINSING W/FLOWING WATER 30 MIN
IMPERATIVE. PROMPT MEDICAL AID IS ESSENTIAL. SKIN: RINSE W/WATER
(PREFER SAFETY SHOWER) 15 MIN WHILE REMOVING CONTAMINATED CLO
THING.

GET IMMED MED AID. INGEST: DO NOT INDUCE VOMITING. GIVE LRG AMT
WATER/MILK. INHALE: REMOVE TO FRESH AIR. CPR/OXYGEN IF NEEDED. GET
MED AID. CONSULT PHYSICIAN. THIS MATERIAL IS CORROSIVE & MAY CAUSE
STRICTURE.

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

Flash Point Method:COC

Flash Point:215F,102C

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, "ALCOHOL" FOAM, OR
CARBON DIOXIDE.

Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPOSED CONTA

INERS

COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES AND TO KILUTE SPILLS TO NONFLAMMABLE MIXTURES.

Unusual Fire/Explosion Hazard:CARE MUST BE USED TO PREVENT IGNITION WHEN PROCESSING OR HANDLING AT TEMPERATURES ABOVE THE FLASH POINT.

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

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

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

Handling and Storage Precautions:PROTECT FROM PHYSICAL DAMAGE. STORE IN COOL, DRY WELL VENTILATED AREA AWAY FROM ANY AREA WHERE FIRE HAZARD MAY BE ACUTE.

Other Precautions:IS A STRONG SKIN SENSITIZER. AVOID SKIN CONTACT.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS OR INDUSTRIAL CANISTER TYPE MASK APPROVED BY US BUREAU OF MINES WITH PROPER CANISTER SHOUL

D BE WORN IN ENCLOSED AREAS WITH POOR VENTILATION.

Ventilation:LOCAL EXHAUST PREFERRED. MECHANICAL (GENERAL) ACCEPTABLE. RESPIRATORS AVAILABLE IF VENTILATION SYSTEM SHOULD FAIL.

Protective Gloves:HYDROCARBON INSOLUBLE RUBBER OR PLASTIC

Eye Protection:CHEM GOGGLES, FACESHIELD, SAFETY GLASSES

Other Protective Equipment:HYDROCARBON INSOLUBLE APRONS, EYE WASH AND SAFETY SHOWER.

Supplemental Safety and Health

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

Boiling Pt:B.

P. Text:404F,207C

Vapor Pres: