

DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV. -- HYSOL RE2038 EPOXY RESIN COMPOUND -- 8040-00-779-4704

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

Product ID:HYSOL RE2038 EPOXY RESIN COMPOUND

MSDS Date:07/14/1998

FSC:8040

NIIN:00-779-4704

Status Code:A

MSDS Number: CLMJG

=== Responsible Party ===

Company Name:DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV.

Address:211 FRANKLIN ST.

City:OLEAN

State:NY

ZIP:14760-1297

Country:US

Info Phone Num:716-372-6300/6309

Emergenc

y Phone Num:1-800-424-9300

Preparer's Name:ERNEST CARTER

Chemtre Ind/Phone:(800)424-9300

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

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

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN EPOXY RESIN

CAS:25068-38-6

RTECS #:CE6880000

Minumum % Wt:60.

Maxumum % Wt:100.

Ing

red Name:OXIRANE, (BUTOXYMETHYL)-
CAS:2426-08-6
RTECS #:TX4200000
Minumum % Wt:10.
Maxumum % Wt:30.
OSHA PEL:270 MG/M3;50 PPM
ACGIH TLV:133 MG/M3;25 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE CONTACT: CONTACT MAY CAUSE EYE
IRRITATION. SKIN CONTACT: PROLONGED OR REPEATED SKIN CONTACT MAY
CAUSE IRRITATION. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES
(>1501/2
C) CAN RESULT IN THERMAL BURNS. INHALATION: MAY CAUSE
ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. INGESTION: MODERATELY
TOXIC, MAY CAUSE VOMITIN
Medical Cond Aggravated by Exposure:PREEXISTING SKIN OR LUNG ALLERGIES
MAY INCREASE THE CHANCE OF DEVELOPING INCREASED ALLERGIC SYMPTOMS
FROM EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT: WASH/FLUSH EYES WITH WATER FOR MINIMUM TEN(10)
MINUTES. SKIN CONTACT
: WASH OFF IN FLOWING WATER OR SHOWER.
INHALATION: MOVE TO FRESH AIR. INGESTION: DO NOT INDUCE VOMITING.

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

Flash Point Method:CC
Flash Point:=73.3C, 164.F
Autoignition Temp:Autoignition Temp Text:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:RECOMMENDED USE OF SELF-CONTAINED BREATHING
APPARATUS.

===== Accidental Releas

e Measures =====

Spill Release Procedures:CONTAIN SPILL IN NATURAL FORM OR WITH SAND OR DIRT (INERT MATERIAL). ELIMINATE ALL IGNITION SOURCES. PREVENT RUNOFF TO STORM SEWERS, DITCHES AND WATERWAYS. SHOVEL OR SCRAPE (NON METALLIC) ABSORBED WAS TE MATERIALS INTO DISPOSAL CONTAINER. SEAL LID TIGHTLY WITH TAPE OR LOCKING RING AND LABEL PROPERLY. CLEAN UP SPILL IMMEDIATELY, OBSERVING PRECAUTIONS INCLUDING ADEQUATE VENTILATION AND/OR PERSONAL PR

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

Handling and Storage Precautions:PLASTIC CONTAINERS MAY BE SLIPPERY WHEN HANDLING. STORAGE: KEEP CONTAINERS CLOSED AND TIGHTLY SEALED.

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

Respiratory Protection:A RESPIRATOR IS REQUIRED IF INGREDIENT EXPOSURE LIMITS ARE NOT EXCEEDED. AN OSHA APPROVED (29 CFR 1910.134 USA DEPT. OF LABOR). AIR PURIFYING RESPIRATOR WITH APPROPRIATE CARTRIDGE SHOULD BE USED IF EX PO SURE LIMITS ARE EXCEEDED.

Ventilation:USE LOCAL EXHAUST VENTILATION.

Protective Gloves:GLOVES PVC, RUBBER (NITRILE, BUTYL).

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS GOGGLES FULL FACE SHIELDS.

Other Protective Equipment:A SAFETY SHOWER AND EYE WASH STATION SHOULD BE WITHIN REASONABLE DISTANCE OF THE WORK AREA.

Supplemental Safety and Health

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

Vapor Pres:(MM HG)

Vapor Density:3.8

Spec Gravity:1.2

Evaporation Rate &

amp; Reference:1.0

Solubility in Water:INSOLUBLE

Appearance and Odor:LIQUID, LOW VISCOSITY, AMBER COLOR, AROMATIC ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURE, OPEN FLAMES.

Hazardous Decomposition Products:CARBON DIOXIDE. CARBON MONOXIDE. POSSIBLE ORGANICS.

Conditions to Avoid Polymerization:EXOTHERMIC.

===== Toxicological Information

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Toxicological Information:PHOSPHORIC ACID: INHALATION LC50-N.D.; ORAL LD50 (RATS)-1530 MG/KG; DERMAL LD50 (RABBIT)-2750 MG/KG. NITRIC ACID: INHALATION LC50-115 PPM; ORAL LD50 (RATS)-50-500 MG/KG; DERMAL LD50 (RABBIT)-N.D. MUTAGENICITY: NOT KNOWN TO BE MUTAGENIC. TERATOGENICITY: NOT KNOWN TO BE TERATOGENIC. REPRODUCTIVE TOXICITY: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

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

Waste Disposal

Methods:DISPOSAL OF WASTE PROPERLY AND IN ACCORDANCE WITH LEGAL REQUIREMENTS.

===== MSDS Transport Information =====

Transport Information:HAZARD CLASS: 8. LABEL: NONE. DOT PROPER SHIPPING NAME: COMPOUND, CLEANING, LIQUID (PHOSPHORIC ACID, NITRIC ACID), 8, NA1760, III, LTD. QTY.

===== Regulatory Information =====

SARA Title III Information:SARA (TITLE III)-SECTION 302, 311, 312, & 313: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): THIS PRODUCT CONTAINS NITRIC ACID WHICH IS ON THE LIST OF EXTREMELY HAZARDOUS SUBSTANCES. SECTION 311 AND 312 MSDS SUBMISSION & INVENTORY REPORTING (40 CFR 370): THIS PRODUCT CONTAINS PHOSPHORIC ACID & NITRIC ACID THAT REQUIRE REPORTING UNDER 311 & 312, IF STORED IN LARGE ENOUGH QUANTITIES. SECTION 313 TOXIC CHEMICAL RELEASES REPORTING: THIS PRODUCT CONTAINS PHOSPHORIC ACID & NITRIC ACID WHICH MAY REQUIRE REPORTING UNDER 313.

Federal Re

gulatory Information:TOXIC SUBSTANCE CONTROL ACT (TSCA): THIS PRODUCT COMPLIES WITH RULES AND REGULATIONS OF TSCA. CERCLA/SUPERFUND, 40 CFR 117, 302: THIS PRODUCT CONTAINS PHOSPHORIC ACID AND NITRIC ACID, BOTH REPORTABLE QUANTITIES (RQ) SUBSTANCES, & IF 100,000 POUNDS OF PRODUCT ARE RELEASED, THE NATIONAL RESPONSE CENTER, WASHINGTON D.C. MUST BE NOTIFIED (1-800-424-8802).

State Regulatory Information:CALIFORNIA PROPOSITION 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIAL,

THAT CURRENTLY LISTED BY THE STATE

OF CALIFORNIA UNDER PROPOSITION 65. NEW JERSEY AND PENNSYLVANIA

RIGHT TO KNOWN INFORMATION: WA TER (7732-18-5), PHOSPHORIC ACID

(7664-38-2), NITRIC ACID (7697-37-2), ALUMINUM OXIDE (1344-28-1),

CLAY (1318-93-0).

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