

DEXTER CORP -- EPK 615 RESIN -- 8040-01-137-8418

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Product Identification
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Product ID:EPK 615 RESIN

MSDS Date:02/25/1994

FSC:8040

NIIN:01-137-8418

Kit Part:Y

MSDS Number: CFQXW

=== Responsible Party ===

Company Name:DEXTER CORP

Address:ONE DEXTER DR

City:SEABROOK

State:NH

ZIP:03874

Country:US

Info Phone Num:603-474-5541

Emergency Phone Num:800-424-9300

CAGE:57294

=== Contractor Identific
ation ===

Company Name:DEXTER CORP THE HYSOL DIV

Address:1 DEXTER DR

Box:City:SEABROOK

State:NH

ZIP:03874

Country:US

Phone:603-474-5541/FAX: 603-474-5545

CAGE:1JB33

Company Name:DIVERSITY WATER TECHNOLOGIES INC

Address:LABORATORY PK 7145 PINE ST

Box:200

City:CHAGRIN FALLS

State:OH

ZIP:44022

Country:US

Phone:216-247-5000

CAGE:57294

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Composition/Information on Ingredients
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Ingred Name:SILICA GEL; (AMORPHOUS SILICA)

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 1-5

%
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 30-60%
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3 RDUST;9495

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN COPOLYMER; (EPOXY RESIN)
CAS:25068-38-6
RTECS #:SL6475000
Fraction by Wt: 30-60%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:OXIRANE, ((2-PROPENYLOXY))-; (ALLYLOXY-2,3-EPOXY PROPANE)
CAS:106-92-3
RTECS #:RR0875000
Fraction by Wt: 0.995%
OSHA PEL:C 10 PPM
ACGIH TLV:5 PP
M/10 STEL; 9495

Ingred Name:SUPDAT:DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO
AN UNCONSCIOUS PERSON.
RTECS #:9999999ZZ

Ingred Name:EXPLAN OF CARCIN:ANTICIPATED TO BE CARCINOGEN.
RTECS #:9999999ZZ

Ingred Name:EFTS OF OVEREXP:PROD MAY CAUSE SKIN SENSITIZATION. CONTACT
W/PROD AT ELEVATED TEMP CAN RSLT IN THERMAL BURNS. (ING 8)
RTECS #:9999999ZZ

Ingred Name:ING 7:INHAL:BECAUSE OF ITS LOW VOLATILITY, THIS PROD IS NOT
LIKELY TO BE AN INHAL HAZ. INGEST:BASED ON SIMILAR (ING 9)
RTECS #:9999999ZZ

Ingred Name:ING 8:PRODUCT TESTING PRODUCT IS PRESUMED TO HAVE A LOW
ORDER OF ACUTE ORAL TOX. SIGNS & SYMPTOMS: IRRIT AS (ING 10)
RTECS #:9999999ZZ

Ingred Name:ING 9:NOTED. SKIN SENSITIZATION (ALLERGY) MAY BE EVIDENCED
BY RASHES, EXPECIALLY HIVES.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NT

P:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INHAL:PRLNG OVEREXP TO FREE SILICA DUST, (UNCOMBINED DIOXIDE) ABOVE TLV SPECIFIED ABOVE MAY CAUSE SCARRING OF LUNGS W/COUGH & SHORTNESS OF BRTH. A DELAYED LUNG INJURY, SILICOSIS, MAY RSLT FROM BRTHG F REE SILICA. SILICOSIS IS FORM OF DISABLING PROGRESSIVE & SOMETIMES FATAL PULM FIBROSIS CHARACTERIZED (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ:IARC MONO, VOL 68, 1997:GROUP 1. NTP

7TH ANNUAL RPT ON CARCIN, 1994: (ING 6)

Effects of Overexposure:HLTH HAZ:BY THE PRESENCE OF TYPICAL MODULATION IN THE LUNGS. EYES:BASED ON SIMILAR PROD TESTING, PROD MAY BE MODERATELY IRRIT TO THE EYES. CNTCT W/PROD AT ELEVEATED TEMP CAN RSLT IN THERMAL BURNS. SKI N CNTCT:BASED ON SIMILAR PROD TESTING, PROD MAY BE MODERATELY IRRIT TO THE SKIN. BASED ON SIMILAR PROD TESTING, (ING 7)

Medical Cond Aggravated by Exposure:PREEXISTING SKIN & EYE DISORDERS MAY BE AGGRAVATED BY E

XP TO THIS PRODUCT. PREEXISTING SKIN/LUNG ALLERGIES MAY INCREASES THE CHANCE OF DEVELOPMENT INCREASED ALLERGY SYMPS FROM EXPOS TO THIS PRODUCT.

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

First Aid:EYES:FLUSH EYES W/PLENTY OF H*2O FOR AT LEAST 30 MIN WHILE HOLDING EYELIDS OPEN. GET PROMPT MED ATTN. SKIN:REMOVE CONTAMD CLTHG & WASH CNTCT AREA W/SOAP & H*2O FOR 15 MIN. PARTICULAR ATTN SHOULD BE PA ID TO EAR, NOSE, HAIR, & OTHER AREAS NOT EASILY CL

EANED. GET MED ATTN. DESTROY CONTAMD LEATHER GOODS. EFTS CAN BE DELAYED FOR 24-48 HRS. CLEAN CLTHG BEFORE REUSE. INHAL:IN CASE OF EXPOSURE (SUPDAT)

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

Flash Point Method:PMCC

Flash Point:480F,249C

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . MATERIAL WILL NOT BURN UNLESS PREHEATED. COOL FIRE EXPOSED CONTAINERS

WITH WATER.

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.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE W/ADEQUATE VENT. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES. HANDLE

I/A/W/HAZARD POTENTIAL OF CURING AGENT(S) USED.

Other Precautions:MAY CAUSE IRRITATION. AVOID EYE AND SKIN CONTACT. STORE IN COOL, DRY PLACE W/ADEQUATE VENT. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMP. HANDLE I/A/W/HAZARD POTENTIAL OF CURING AGENT(S) USED. MAY CAUSE IRRITATION. AVOID EYE AND SKIN CONTACT.

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

Respiratory Protection:NOT ORDINARILY REQUIRED. IF RESIN IS WARMED OR HEATED, VAPORS OR MISTS MAY BE PRODUCED. IN SUCH CASES, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:LOCAL EXHAUST RECOMMENDED, MECHANICAL ACCEPTABLE.

Protective Gloves:IMPERVIOUS PLASTIC OR RUBBER.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGLES .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

CNDTNS (STAB):CONSIDERABLE HEAT IS RELEASED. FIRST AID PROC:TO HIGH

CONC OF VAP/MIST, REMOVE PERS TO FRESH AIR. IF BRTHG HAS STOPPED, ADMIN ARTF RESP & SEEK MED ATTN. KEEP PERS WARM & RESTING. INGEST: IF APPRECIABLE QTIES ARE SWALLOWED, CALL A MD/POISON CONTROL CENTER. DRINK ONE OR TWO GLASSES OF WATER. (ING 5)

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

Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:NIL

Spec Gravity:1.57

Solubility in Water:INSOLUBLE

Appearance and Odor:BLUE, HIGH-VISCOSITY; MILD ODOR

Percent Volatiles

by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, AMINES, MERCAPTANS, BASES.

Stability Condition to Avoid:CAN REACT VIGOROUSLY W/STRONG OXIDIZING AGENTS & STONG LEWIS/MINERAL ACIDS. IN RXNS W/MANY CURING AGENTS (SUPDAT)

Hazardous Decomposition Products:CARBON MONOXIDE, ALDEHYDES & ACIDS MAY BE FORMED DURING COMBUST. RXN W/SOME CURING AGENTS MAY PRDCE CONSIDERABLE HEAT.

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Disposal Considerations =====

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS .

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