

DEXTER CORP THE HYSOL DIV -- EPOXY RESIN -- 8030-00-998-3321

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Product Identification  
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Product ID:EPOXY RESIN

MSDS Date:03/07/1996

FSC:8030

NIIN:00-998-3321

Status Code:A

MSDS Number: CLRPZ

=== Responsible Party ===

Company Name:DEXTER CORP THE HYSOL DIV

Address:1 DEXTER DR

City:SEABROOK

State:NH

ZIP:03874

Country:US

Info Phone Num:603-474-5541

Emergency Phone Num:1-800-424-9300

Preparer

's Name:ERNEST CARTER

Chemtre Ind/Phone:(800)424-9300

CAGE:1JB33

=== Contractor Identification ===

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

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Composition/Information on Ingredients  
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Ingred Name:QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

= Wt:.58

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:0.1 MG/M3

Ingred Name:BISPHENOL A EPOXY RESIN

CAS:25068-38-6

RTECS #:CE6880000

Minimum % Wt:30.  
Maximum % Wt:60.

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:EYE CONTACT: PRODUCT MAY BE MODERATELY IRRITATING TO THE EYES. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES CAN RESULT IN THERMAL BURNS. SKIN CONTACT: PRODUCT MAY BE MODERATELY IRRITATING TO THE SKIN. INHALATION: BECAUSE OF ITS LOW VOLATILITY, THIS PRODUCT IS NOT LIKELY TO BE AN INHALATION HAZARD. INGESTION: BASED ON SIMILAR PRODUCT TESTING PRODUCT IS PRESUMED TO HAVE A LOW ORDER OF ACUTE ORAL TOXICITY.  
Explanation of Carcinogenicity:THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CLASSIFIED CRYSTALLINE SILICA AS A PROBABLE CARCINOGEN. THE NATIONAL TOXICOLOGY PROGRAM (NTP) HAS INCLUDED CRYSTALLINE SILICA ON THE NTP LIST OF CARCINOGENS.  
Effects of Overexposure:IRRITATION AS NOTED. SKIN SENSITIZATION (ALLERGY) MAY BE EVIDENCED BY RASHES ESPECIALLY HIVES.  
Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. PREEXISTING SKIN OR LUNG ALLERGIES MAY INCREASE THE CHANCE OF DEVELOPING INCREASED ALLERGY SYMPTOMS FROM EXPOSURE TO THI

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First Aid Measures  
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First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING/SHOES AND WIPE OFF EXCESS FROM SKIN. FLUSH WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED.

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Fire Fighting Measures  
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Flash Point Method:PMCC  
Flash Point:248.9C, 480.F  
Extinguishing Me

dia:WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES, AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

Spill Release Procedures:SCRAPE UP AND TRANSFER TO METAL CONTAINER.

WIPE UP REMAINING RESIDUE WITH SOLVENTS, OBSERVING SOLVENT FLAMMABILITY CAUTIONS, OR USE DETERGENT.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. HANDLE IN ACCORDANCE WITH THE HAZARD POTENTIAL OF CURING AGENT(S) USED.

Other Precautions:MAY CAUSE IRRITATION. AVOID EYE AND SKIN CONTACT.

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== 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:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:SAFETY SHOWER AND EYE WASH.

Supplemental Safety and Health

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Physical/Chemical Properties =====

Boiling Pt:>260.C, 500.F

Vapor Pres:NIL

Spec Gravity:1.57

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE, HIGH VISCOSITY LIQUID; MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, AMINES, MERCAPTANS, BASES.

Stability Condition to Avoid:CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS AND STRONG LEWIS OR MINERAL ACIDS, IN REACTIONS WITH MANY

CURING AGENTS, CONSIDERABLE HEAT IS RELEASED.

Hazardous Decomposition Products:CARBON MONOXIDE, ALDEHYDES AND ACIDS  
MAY BE FORMED DURING COMBUSTION. REACTION WITH SOME CURING AGENTS  
MAY PRODUCE CONSIDERABLE HEAT.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:CLEANUP AND DISPOSAL SHOULD BE IN ACCORDANCE  
WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

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