

DOW CHEMICAL U.S.A. -- D.E.R. (R) 324 EPOXY RESIN, #19242 -- 8040-00-843-7873

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

Product ID:D.E.R. (R) 324 EPOXY RESIN, #19242

MSDS Date:05/03/1995

FSC:8040

NIIN:00-843-7873

MSDS Number: CDZVX

=== Responsible Party ===

Company Name:DOW CHEMICAL U.S.A.

Address:CHEMICAL AND METALS DEPARTMENT

City:MIDLAND

State:MI

ZIP:48674

Country:US

Info Phone Num:517-636-1000

Emerge

ncy Phone Num:517-636-4400

CAGE:96717

=== Contractor Identification ===

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

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

Ingred Name:REACTION PRODUCTS OF EPICHLOROHYDRIN AND BISPHENOL A

CAS:25085-99-8

Fraction by Wt: 83-98%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ALKYL GLYCIDYL ETHER

CAS:68609-97-2

Fraction by Wt: 2-17%

Other REC Limits:

NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 ORAL 2000 MG/KG RAT  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE: MAY CAUSE SLIGHT TRANSIENT EYE  
IRRITATION. CORNEAL INJURY IS UNLIKELY. SKIN CONTACT: ALLERGIC SKIN  
REACTIONS. PROLONGED EXPOSURE NOT LIKELY TO CAUSE SIGNIFICANT SKIN  
IRRITATION. INGEST: INJURY. I NHAL: IRRITAT  
ION.

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

First Aid:EYE: FLUSH W/PLENTY OF WATER. SKIN: WASH OFF W/FLOWING WATER  
OR SHOWER. INGESTION: GET MEDICAL AID. DON'T INDUCE VOMITING UNLESS  
DIRECTED TO DO SO BY DR. INHALATION: MOVE TO FRESH AIR. CALL DR.

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

Flash Point Method:PMCC  
Flash Point:350 TO 375F  
Lower Limits:NOT EST.  
Upper Limits:NOT EST.  
Extinguishing Media:FOAM, CO2, DRY CHEMICAL.  
Fire  
Fighting Procedures:WEAR POSITIVE PRESSURE SELF-CONTAINED  
BREATHING APPARATUS & FULL PROTECTIVE EQUIPMENT

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

Spill Release Procedures:EVACUATE. REMOVE IGNITS. LARGE: EVACUATE  
UPWIND. DIKE/ABSORB. CONTAINERIZE. REMOVE RESIDUAL RESIN W/STEAM OR  
HOT SOAPY WATER. SOLVENTS NOT RECOMMENDED FOR CLEAN-UP.

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

Handling and Storage Precautions:PRACTICE CAUTION A  
ND GOOD PERSONAL  
CLEANLINESS TO AVOID SKIN AND EYE CONTACT. AVOID BREATHING VAPORS  
OF HEATED MATERIAL.

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

Respiratory Protection:NO RESPIRATORY PROTECTION SHOULD BE NEEDED. IF  
RESPIRATORY IRRITATION IS EXPERIENCED, USE AN APPROVED  
AIR-PURIFYING RESPIRATOR.  
Ventilation:GOOD GENERAL VENT SHOULD BE SUFFICIENT FOR MOST CONDITIONS.  
LOCAL EXHAUST VENT MAY BE NECESSARY FOR SOME OPERATIONS.  
Protective Gloves:IMPERVIOU

S GLOVES

Eye Protection:SAFETY GLASSES OR CHEMICAL GOGGLES

Other Protective Equipment:WEAR CLEAN, LONG-SLEEVED, BODY-COVERING CLOTHING. USE PROTECTIVE CLOTHING IMPERVIOUS TO THIS MATERIAL.

Supplemental Safety and Health  
MORE INFORMATION ON FILE.

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

Boiling Pt:B.P. Text:300F,149C

Vapor Pres:0.06

Vapor Density:NA

Spec Gravity:1.11

Solubility in Water:NONE

Appearance and Odor:CLEAR (LIGHT YELLOW) LIQUID OF LOW VISCOSITY; FAINT EPOXY ODOR.

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

Stability Indicator/Materials to Avoid:YES

BASES, ACIDS, AMINES, OXIDIZING MATERIALS.

Stability Condition to Avoid:EXCESSIVE HEATING OVER LONG TIME PERIODS.

FREEZING MAY CAUSE TEMPORARY HAZINESS. FIRE CONDITIONS INCREASE VISCOSITY.

Hazardous Decomposition Products:UNDER CONDITIONS OF IMPERFECT

COMBUSTION AND/OR PYROLYSIS VARIOUS PHENOLIC COMPOUNDS CO AND/OR CO2 MAY BE EVOLVED.

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=== Disposal Considerations =====

Waste Disposal Methods:COMPLY W/ALL FEDERAL, STATE, LOCAL REGULATIONS.

SEND TO PROPERLY LICENSED/PERMITTED RECYCLER/RECLAIMER/INCINERATOR.

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