

DOW CHEMICAL U S A -- D.E.H. (R) 52 EPOXY CURING AGENT, #19199 -- 8040-00-181-7188

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Product Identification
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Product ID:D.E.H. (R) 52 EPOXY CURING AGENT, #19199

MSDS Date:12/17/1996

FSC:8040

NIIN:00-181-7188

MSDS Number: CDZTM

=== Responsible Party ===

Company Name:DOW CHEMICAL U S A

Address:2020 DOW CENTER BARSTOW BLDG

City:MIDLAND

State:MI

ZIP:48640

Country:US

Info Phone Num:517-636-44

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Emergency Phone Num:517-636-4400

CAGE:71983

=== Contractor Identification ===

Company Name:ALLIED PRODUCTS CORPORATION

Box:1404

City:NEW HAVEN

State:CT

ZIP:06505

Phone:(203) 562-2171

CAGE:ACMED

Company Name:DOW CHEMICAL U.S.A.

City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:517-636-4400

CAGE:71983

Company Name:JAMIESON ASSOCIATES

Box:UNKNOW

CAGE:NO724

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Composition/Information on Ingredients
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Ingred Name:POLYMER OF EPICHLOROHYDRIN, BISPHENOL A AND
DIETHYLENET

RIAMINE
CAS:31326-29-1
Fraction by Wt: 70-80%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIETHYLENETRIAMINE
CAS:111-40-0
RTECS #:IE1225000
Fraction by Wt: 20-30%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:1 PPM

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

LD50 LC50 Mixture:ORAL LD50 RATS 252-500 MG/KG.
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 SEVERE IRRITATION

W/CORNEAL INJURY WHICH MAY RESULT IN PERMANENT IMPAIRMENT OF VISION, EVEN BLINDNESS. SKIN CONTACT: ALLERGIC SKIN REACTION, CORROSION. INGEST: GI IRRITATION, ULCERATION , BURNS TO MOUTH & THROAT. INHAL: DEATH, SEVERE IRRITATION OF UPPER RESPIRATORY TRACT AND LUNGS. SENSITIZATION.

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

First Aid:EYES: IRRIGATE W/FLOWING WATER FOR >15 MINUTES. PROMPT MEDICAL CONSULTATION IS ESSENTIAL. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER >15 MINUTES. REMOVE CONTAM CLOTHES. WASH BEFORE REUSE. CALL DR. DESTROY LEATHER. INGEST: DONT INDUCE VOMIT. GIVE LARGE AMOUNTS WATER/MILK. TAKE TO DR. INHAL: REMOVE TO FRESH AIR. CALL DR.

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

Flash Point Method:PMCC
Flash Point:222F,106C
Autoignition Temp:Autoignition Temp Text: 675F
Lower Limits:2.0
Upper Limits:6.7
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fight

ing Procedures:WEAR POSITIVE PRESSURE SCBA & FULL PROTECTIVE EQUIPMENT.

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

Spill Release Procedures:SMALL SPILL: ABSORB. WASH AREA W/WATER. REMOVE W/SHOVEL. CONTAINERIZE. LARGE SPILL: DIKE. STOP LEAK. KNOCK DOWN VAPORS & DILUTE W/WATER FOG OR SPRAY. COLLECT W/VACUUM EQUIPMENT. GROUND AND BOND ALL CONTAINERS. FLUSH RESIDUE WITH PLENTY OF WATER.

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

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Handling and Storage Precautions:GROUND ALL EQUIPMENT. VENT VAPOR EMISSIONS FROM CNTNR TO STORAGE TANK. DONT PRESSURE CNTNR TO EMPTY. MAINTAIN INERT ATMOSPHERE. KEEP TIGHTLY CLOSED*

Other Precautions:* IN STAINLESS STEEL CNTNR. PROTECT FROM ATMOSPHERIC MOISTURE. KEEP AWAY FROM IGNITION SOURCES.

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

Respiratory Protection:USE AN APPROVED AIR PURIFYING OR POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR.

Ventilation:USE GENERAL &/OR LOCAL EXHAUST VENTILATION.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL GOGGLES/FULL-FACE RESPIRATOR

Other Protective Equipment:USE PROTECTIVE CLOTHING. SAFETY SHOWER IN IMMEDIATE WORK AREA.

Work Hygienic Practices:WASH WITH SOAP AND WATER.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.02

Solubility in Water:SLIGHTLY

Appearance and Odor:LIGHT Y

ELLOW LIQUID, AMINE ODOR.

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

Stability Indicator/Materials to Avoid:NO

ACID, CHLORINATED HYDROCARBONS, AATMOSPHERE.

Hazardous Decomposition Products:NITROGEN OXIDE WHEN BURNED.

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

Waste Disposal Methods:IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. UNUSED/UNCONTAMINATED PRODUCT: SEND TO PERMITTED RECYCLER, RECLAIMER, INCINERATOR, OR OTHER THERMAL DESTRUCTION DEVICE.

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