

SHELL OIL,ENVIRONMENTAL AFFAIRS -- EPON RESIN 828 -- 8030-00-992-3156

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Product Identification
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Product ID:EPON RESIN 828

MSDS Date:10/15/1987

FSC:8030

NIIN:00-992-3156

MSDS Number: BTSRD

=== Responsible Party ===

Company Name:SHELL OIL,ENVIRONMENTAL AFFAIRS

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-473-9461 800-424-9300(CHEMT
REC)

Preparer's Name:J.C.WILLETT

CAGE:KO036

=== Contractor Identification ===

Company Name:SHELL OIL COMPANY CORPORATE ENVIRONMENTAL AFFAIRS

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:713-241-4819/713-473-9461

CAGE:3H919

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Box:4320

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CAGE:KO036

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Composition/Information on Ingredients
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Ingred Name:BISPHENOL A-EPICHLOROHYDRIN COPOLYMER

CAS:25068-38-6

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TECS #:KC2100000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 11.4G/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:MAY CAUSE MODERATE IRRITATION.HOT MATERIAL MAY CAUSE BURNS.SKIN:MAY CAUSE MODERATELY IRRITATION.HEATED MATERIAL MAY CAUSE BURNS.INGEST:MAY CAUSE GI TRACT

IRRITATION.INHAL:NOT A LIKELY ROUTE OF EX POSURE.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:SKIN:RASH(HIVES).

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN,EYE AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WIPE OFF EXCESS;WASH WITH

WATER,THEN SOAP AND WATER.FOR BURNS,COOL SLOWLY WITH COOL WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN O R ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:480F,249C

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

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND

FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:PUMP OR VACUUM INTO A SALVAGE TRUCK;SOAK RESIDUE UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIEL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERIN ESS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE AND HANDLE RESIN BELOW 300F.
Other Precautions:EMPTY CONTAINERS MAY CONTAIN HAZARDOUS
RESIDUE;DISPOSE OF PROPERLY.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR
A NOISH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,DEPEN
DING ON

THE AIRBORN CONCENTRA TION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)
VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:SAFETY GLASSES,GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS
PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties =====

HCC:N1

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

Vapor Pres:0.03

Spec Gravity:1.17

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID,VISCOUS;VERY LIGHT YELLOW.ODOR NOT REPORTED.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,STRONG LEWIS OR MINERAL ACIDS,STRONG MONERAL
AND ORGANIC BASES(ESP.PRIMARY/SEC. ALIPH.AMINES).

Stability Condition to Avoid:HIGH H

EAT,SOURCES OF IGNITION.MATERIAL

WILL BURN WHN PREHEATED.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON

MONOXIDEALDEHYDES,ACIDS,UNIDENTIFIED ORGANIC CHEMICALS.

Conditions to Avoid Polymerization:ALIPHATIC POLYAMINES CAN PRODUCE AN
EXOTHERMIC REACTIONS WITH RUNAWAY POLYMERIZATION.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND
LOCAL REGULATIONS.

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