

SHELL OIL COMPANY -- EPON RESIN 828 -- 8030-00-992-3156

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Product Identification
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Product ID:EPON RESIN 828
MSDS Date:04/06/1989
FSC:8030
NIIN:00-992-3156
MSDS Number: BTWBX
=== Responsible Party ===
Company Name:SHELL OIL COMPANY
Address:HEALTH, SAFETY AND ENVIRONMENT
Box:4320
City:HOUSTON
State:TX
ZIP:77210
Country:US
Info Phone Num:713-241-4819
Emergency Phone Num:713-473-9461
Prepare
r's Name:J. C. WILLETT
CAGE:54527
=== Contractor Identification ===
Company Name:SHELL OIL COMPANY
Box:2463
City:HOUSTON
State:TX
ZIP:77210
Country:US
Phone:800-231-6950
CAGE:54527

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Composition/Information on Ingredients
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Ingred Name:EPOXY RESIN
CAS:25068-38-6
RTECS #:KC2100000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 11.4 G/KG
Routes of Entry: Inh

alation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: VAPOR MAY CAUSE RESPIRATORY TRACT AND EYE, SKIN IRRITATION. PRODUCT HAS LOW VOLATILITY AND IS NOT LIKELY TO BE RESPIRATORY HAZARD. PRODUCT BELIEVED TO BE OF LOW TOXICITY FOR INGESTION. CONTACT WITH THIS MATERIAL AT HIGH TEMPERATURESCAN CAUSE THERMAL BURNS AND LEAD TO SKIN SENSITIZATION.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS

LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. SKIN SENSITIZATION MAY SHOW UP AS ALLERGIC SKIN RASHES AND HIVES.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. C

ALL A PHYSICIAN. EYE:

FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL AT TENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER PROMPTLY. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. DESTROY CONTAMINATED SHOES AND CLOTHING.

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

Flash Point Method:PMCC

Flash Point:480F,249C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICA

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Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK INVOLVED. ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA & AV

OID BREATHING VAPORS.

AVOID CONTACT WITH HOT MATERIAL. DIKE AND CONTAIN. SOAK UP RESIDUE WITH CLAY, SAND OR OTHER MATERIAL. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM HEAT AND OPEN FLAMES.
KEEP CONTAINER CLOSED. DO NOT USE PRESSURE TO EMPTY DRUMS. FOR IMMEDIATE USE WHEN MIXED.

Other Precautions:STORE IN A COOL, DRY PLACE. NOT FOR USE OR STORAGE

IN OR AROUND THE HOME. GROUND AND BOND DRUMS. DISCARD CONTAMINATED FOOTWEAR.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED UNITS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR DECISION LOGIC-PUB #87-108. USE SELF-CONTAINED BREATHING APPARATUS PER SUPPLIERS' INSTRUCTIONS AND WARNINGS.

Ventilation:PROVIDE SUFFICIENT LOCAL & MECHANICAL(GENERAL) VENTILATION IN PAT

TERN/VOLUME TO CONTROL INHALATION EXPOSURES.

Protective Gloves:INDUSTRIAL HEAVY DUTY NEOPRENE OR EQUAL

Eye Protection:SPLASH-PROOF GOGGLES AND FACE SHIELD.

Other Protective Equipment:WEAR INDUSTRIAL-TYPE WORK CLOTHING AND SAFETY FOOTWEAR. HEAD/NECK COVER, APRONS, JACKETS PANTS, COVERALLS, AND BOOTS.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

EMPTY CONTAINERS MAY RETAIN PROD

UCT RESIDUE. DO NOT CUT, DRILL, GRIND

OR WELD ON OR NEAR FULL, PARTIALLY FULL OR EMPTY PRODUCT CONTAINERS.

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Physical/Chemical Properties
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HCC:N1

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

Vapor Pres:0.03

Spec Gravity:1.17

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VERY LIGHT YELLOW VISCOUS LIQUID

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRO

NG BASES, AMINES, SOME
CURING AGENTS.

Stability Condition to Avoid:EXTREMELY HIGH TEMPERATURES

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON DIOXIDE,
NITROGEN OXIDES, AMMONIA, ALDEHYDES, ACIDIC SUBSTANCES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL REGULATIONS. UNUSED MATERIALS MAY CONSTITUTE HAZARDOUS
WASTE.

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