

REICHHOLD CHEMICALS INC NEWPORT DIVISION -- POLYITE(R) 31-000 -- 8040-00-200-3793  
===== Product Identification =====

Product ID:POLYITE(R) 31-000

MSDS Date:11/10/1993

FSC:8040

NIIN:00-200-3793

MSDS Number: CDXQY

=== Responsible Party ===

Company Name:REICHHOLD CHEMICALS INC NEWPORT DIVISION

Address:407 S PAGE BLVD

Box:1433

City:PENSACOLA

State:FL

ZIP:32596

Country:US

Emergency Phone Num:800 424-9

300 CHEMTREC

CAGE:88221

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:REICHHOLD CHEMICALS INC NEWPORT DIVISION

Address:407 S PAGE BLVD

Box:1433

City:PENSACOLA

State:FL

ZIP:32596

Country:US

CAGE:88221

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

Ingred Name:POLYESTER RESIN

Fraction by Wt: 53.0%

Other REC Limits:NO

NE RECOMMENDED

Ingred Name:STYRENE MONOMER (SARA 313), ORAL RAT LD50 5 G/KG, DERMAL LD50 2820 G/KG RABBIT, INHAL LC50 24 G/M3/4 HR RAT

CAS:100-42-5

RTECS #:WL3675000

Fraction by Wt: 50.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM/STEL 100

ACGIH TLV:50 PPM/STEL 100

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

NO

Health Hazards Acute and Chronic:SKIN: DEFATING, DRYNESS, IRRITATION, DERMATITIS, TOXIC ABSORPTION. EYE: IRRITATION, SERIOUS INJURY, LACHRYMATION. INHAL: MUCOUS MEMBRANE IRRITATION, UPPER RESPIRATORY TRACT DISCOMFORT, HEADACHE, NAUSE A, INSENSIBILITY, CNS EFFECTS, LIVER/KIDNEY DAMAGE. INGEST: GI DISTURBANCES, PAIN, DISCOMFORT.

Explanation of Carcinogenicity:STYRENE OXIDE IS A POSSIBLE CARCINOGEN.

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

First Aid:

SKIN: WASH W/SOAP AND WATER. EYE: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINUTES. GET IMMED MED AID. INHAL: REMOVE TO FRESH AIR. IF UNCONSCIOUS GIVE ARTIFICIAL RESPIRATION AND/OR OXYGEN AS NEEDED. GE T MED AID. INGEST: DONT INDUCE VOMIT. GET IMMED MED AID.

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

Flash Point:89.0F,31.7C

Lower Limits:1.1

Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CO2, ANY CLASS B.

Fire Fighting Procedures:USE SCBA. THOROUGHLY D

ECONATAMINATE EQUIPMENT

AFTER USE.

Unusual Fire/Explosion Hazard:PRODUCT VAPORS MAY FORM EXPLOSIVE MIXTURES W/AIR. CONTAINER MAY EXPLODE IN HEAT OF FIRE.

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

Spill Release Procedures:REMOVE IGNITS, VENT AREA, ABSORB, CONTAINERIZE, IF LARGE SPILL: DIKE. CERCLA RQ FOR STYRENE MONOMER = 1000 LBS.

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

Handling and Storage Precautions:DONT STORE ABOVE 100

F

Other Precautions:AVOID MIXING WITH PROMOTERS OF CATALYSTS

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

Respiratory Protection:SUITABLE TO PREVENT OVEREXPOSURE  
Ventilation:GENERAL VENTILATION. LOCAL EXHAUST MAY BE REQUIRED FOR CERTAIN OPERATIONS.  
Protective Gloves:IMPERVIOUS  
Eye Protection:FACE SHIELD OR CHEMICAL GOGGLES  
Other Protective Equipment:PROTECTIVE CLOTHING, EYE WASH STATION, SAFETY SHOWER SHOULD BE NEAR BY.  
Supplemental Safety and Health  
NK

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

HCC:F3  
Boiling Pt:B.P. Text:295F,146C  
Vapor Density:>AIR  
Spec Gravity:1.14  
Evaporation Rate & Reference:SLOWER THAN BUAC  
Appearance and Odor:AMBER CLEAR LIQUID, PUNGENT ODOR.  
Percent Volatiles by Volume:30-35

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS AND STRONG ACIDS.  
Stability Condition to Avoid:HEAT & DIRECT SUNLIGHT  
Hazardous Decomposition Products:IRRITATING ACRID FUMES.

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

Waste Disposal Methods:COMPLY W/APPLICABLE LABELING, PACKAGING, RECORD KEEPING STANDARDS. DISPOSE ONLY IN PERMITTED FACILITY. FOR FURTHER INFO CALL LOCAL SOLID WASTE AGENCY OR U.S. EPA RCRA 1 (800) 424-9346.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United State

s of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.