

EVERPURE INC. -- 9540-01;POLYBROMIDE RESIN -- 4160-01-022-9970

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

Product ID:9540-01;POLYBROMIDE RESIN

MSDS Date:03/17/1988

FSC:4160

NIIN:01-022-9970

MSDS Number: CGLDT

=== Responsible Party ===

Company Name:EVERPURE INC.

Address:660 BLACKHAWK DR.

City:WESTMONT

State:IL

ZIP:60559-9005

Country:US

Info Phone Num:630-654-4000

Emergency Phone Num:630-654-4000

Preparer'

s Name:WILLIAM H.BEAUMAN

CAGE:MO589

=== Contractor Identification ===

Company Name:EVERPURE INC.

Address:660 BLACKHAWK DR.

Box:City:WESTMONT

State:IL

ZIP:60559-9005

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Phone:630-654-4000

CAGE:MO589

Company Name:EVERPURE, INC.

Address:660 BLACKHAWK DRIVE

Box:City:WESTMONT

State:IL

ZIP:60559-9005

Country:US

Phone:630-654-4000/FAX: 630-654-1115

CAGE:08576

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

Ingred Name:BENZENEMETHANAMINIUM AR-ETHENYL-N,N,N-TRIMETHYLCHLORID

E  
POLYMER W/DIETHENYLBENZENE  
CAS:60177-39-1  
Fraction by Wt: 65-70%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:BROMINE (SARA 302)  
CAS:7726-95-6  
RTECS #:EF9100000  
Fraction by Wt: 30%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1 PPM  
ACGIH TLV:0.1PPM/0.2 STEL;9596

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 8G/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:MAY CAU

SE  
DISCOMFORT.SKIN:MODERATELY IRRITATING.EYES:MODERATELY  
IRRITATING.INGEST:MAY CAUSE AN INSIGNIFICANT INCREASE OF BLOOD  
BROMIDE.

Explanation of Carcinogenicity:NOT A CARCINOGEN.

Effects of

Overexposure:EYES:TEARING,IRRITATION.SKIN:IRRITATION.INGEST:IRRITAT  
ION,ULCERATION.INHAL:IRRITATION,PULMONARY EDEMA.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFR.

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

First Aid:GENERAL:ABSORB OR DILUTE WITH WATE  
R;NEUTRALIZE WITH ALKALI  
AND REDUCING AGENT. EYES:FLUSH WITH WATER.GET MEDICAL  
ASSISTANCE.SKIN:WASH WITH WATER.TREAT WITH SODIUM  
THIOSULFATE(HYPO).INHAL:REMOVE FROM E XPOSURE.CALL PHYSICIAN,GIVE  
OXYGEN OR MOUTH-TO-MOUTH RESCUSITATION IF NEEDED.INGEST:DO NOT  
INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ASSISTANCE.IF  
CONSCIOUS,GIVE MILK OF MAGNESIA.

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

Flash Point:NONE  
Extinguishing Media:WATER,DRY CHEMICAL

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:BROMINE IS A STRONG OXIDIZER AND IS  
CAPABLE OF GENERATING HEAT AND FLAMES WHEN MIXED WITH LIQUID  
MERCURY,OIL,PAINT,ALCOHOLS,KETONES,FINELY DIVIDED ALUMINUM.

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

Spill Release Procedures:SWEEP UP AND STORE IN A SEALED PLASTIC  
CONTAINER OR IN A PLASTIC CONTAINER UNDER WATER,PENDING DISPOSAL.  
Neutralizing Agent:SODA ASH,SODIUM  
HYDROXIDE,AMMONIUM HYDROXIDE.

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

Handling and Storage Precautions:STORE BELOW 85F/30C.PROTECT FROM  
FREEZING.  
Other Precautions:NONE

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED RESPIRATOR FOR BROMINE  
VAPOR.  
Ventilation:USE LOCAL EXHAUST AT THE WORKSITE;DILUTION VENTILATION TO  
MAINTAIN THE TLV/PEL.  
Protective Gloves:RUBBER,PLASTIC  
Eye Protection  
:CHEMICAL SPLASH GOGGLES.  
Other Protective Equipment:PROTECTIVE CLOTHING AS NEEDED.PROVIDE AN EYE  
WASH STATION AND QUICK DRENCH SHOWER.  
Work Hygienic Practices:USE GOOD LABORATORY PRACTICES.WASH HANDS AFTER  
USE AND BEFORE EATING.  
Supplemental Safety and Health  
EPA REG # 2633-3.

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

HCC:C1  
Vapor Density:>1  
Spec Gravity:1.2  
pH:3  
Solubility in Water:APPRECIABLE;30%(BR)  
Appearance and Odor:SMALL DARK RED BEAD,CHARACTERISTIC H

ALOGEN SMELL

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

Stability Indicator/Materials to Avoid: YES

EASILY OXIDIZABLE

MATERIALS (EG. OILS, PAINT, ALCOHOLS, KETONES, MERCURY, POWDERED ALUMINUM).

Stability Condition to Avoid: HEAT ABOVE 85F/30C MAY DEGRADE PRODUCT.

Hazardous Decomposition Products: SLOW EVOLUTION OF HEAT.

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

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

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