



# Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: POLYAMIDE EPOXY PRIMER Product Code: 54LF003

### MANUFACTURER

Drew Paints, Inc.  
P.O. Box 29139  
Portland, OR 97296-9139

INFORMATION PHONE: (503) 227-6497

**24 HR. EMERGENCY TELEPHONE NUMBERS**  
**CHEMTEC: (800) 424-9300**

## 2. HAZARDS IDENTIFICATION

### Danger!

### EMERGENCY OVERVIEW:

Harmful if swallowed. Also harmful by inhalation and in contact with skin. Avoid eye contact with vapor, spray, or mist. Avoid skin contact. Avoid breathing of vapors. Do not eat, drink, or smoke when using this product. Wash exposed areas thoroughly with soap and water. Flammable liquid and vapor.

### EMERGENCY OVERVIEW

#### GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Dermal Toxicity	3	Dermal>200+<=1000mg/kg
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Carcinogen	2	Limited evidence of human or animal carcinogenicity
Reproductive toxin	2	Human or animal evidence possibly with other information

#### GHS Hazards

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H360	May damage fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure

#### GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces . No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/equipment

P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P362	Take off contaminated clothing and wash before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P306+P360	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes
P309+P311	IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician
P370+P380	In case of fire: Evacuate area
P403+P233	Store in a well ventilated place. Keep container tightly closed
P501	Dispose of contents/container in accordance with all local, state, and federal regulations.

**Signal Word: Danger**



**3. COMPOSITION/INFORMATION**

Chemical Name	CAS number	Weight Concentration %
Phenol	25036-25-3	25.00%
XYLENES	1330-20-7	20.00%
Ethyl benzene	100-41-4	4.00%
Methyl isobutyl ketone	108-10-1	3.00%
Urea RPW formaldehyde, butylated	68002-19-7	2.00%

**4. FIRST AID MEASURES**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention, if irritation occurs or persists.

Remove contaminated clothing/shoes. Flush skin with water for at least 15 minutes. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

DO NOT INDUCE VOMITING. Do not attempt to give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

If more than 2.0 ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victims's head below hips to prevent aspiration.

## 5. FIRE FIGHTING MEASURES

Flash Point: 16 C (61 F)

LEL: 1.00

UEL: 8.00

Use water fog, "alcohol" foam, dry chemical, or CO<sub>2</sub>.

When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Carbon monoxide and unidentified organic compounds may be formed during combustion.

**WARNING!** Flammable Liquid. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved SCBA. Cool fire exposed containers with water.

## 6. ACCIDENTAL RELEASE MEASURES

### GENERAL PROCEDURES:

**DANGER!** Flammable. Ventilate area of leak or spill. Remove all sources of ignition. Clean-up personnel require protective clothing and respiratory protection from vapors. Only specially trained or qualified personnel should handle the emergency.

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Try to prevent the material from entering drains or water courses. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. Do not contaminate water sources or sewer. Use inert material to contain and clean up spill. Dispose in accordance with all Federal, State, and Local regulations.

## 7. HANDLING AND STORAGE

### GENERAL PROCEDURES:

Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid products in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

**COMMENTS:** KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.

**SPECIAL HANDLING PROCEDURES:** Put on appropriate personal protective equipment. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

**STORAGE:** Store in a cool, dry place. Keep containers closed. Protect from damage. Keep all containers tightly closed when not in use. Store out of direct sunlight and on an impermeable floor. Do not store with incompatible materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Phenol 25036-25-3	Not Established	Not Established	Not Established
XYLENES 1330-20-7	TWA 100 ppm, 435 mg/m <sup>3</sup>	TWA 100 ppm, 434 mg/m <sup>3</sup> STEL 150 ppm, 651 mg/m <sup>3</sup>	Not Established
Ethyl benzene 100-41-4	100 ppm, 435 mg/m <sup>3</sup>	TWA 100 ppm STEL 125 ppm, 434 mg/m <sup>3</sup>	Not Established
Methyl isobutyl ketone 108-10-1	PEL 410 mg/m <sup>3</sup> 100 ppm	TWA 50 ppm STEL 75 ppm BEI	Not Established
Urea RPW formaldehyde, butylated 68002-19-7	Not Established	Not Established	Not Established

Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

### EYES AND FACE:

Chemical splash goggles and face shield in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Consult your industrial hygienist.)

### SKIN:

Wear chemical resistant gloves such as: Poly Vinyl Alcohol (PVA), Viton, or Teflon gloves or consult your safety equipment supplier. Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn. The equipment must be cleaned thoroughly after each use.

### RESPIRATORY:

If exposure may or does exceed occupational exposure limits use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

### PROTECTIVE CLOTHING:

Where splashing is possible, full chemically resistant protective clothing and boots are required.

### WORK HYGIENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use before eating, drinking, smoking or using the toilet.

### OTHER USE PRECAUTIONS:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

If clothing is contaminated, discard or launder.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Vapor Density:</b> Heavier than air	<b>Specific Gravity (SG)</b> 1.270
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**Evaporation rate:** Slower than ether

## 10. STABILITY AND REACTIVITY

STABLE

Oxygen and strong oxidants. Will dissolve or soften some plastics and rubber.

Carbon monoxide and unidentified organic compounds may be formed during combustion. There should be no decomposition if stored and applied as directed.

Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Mixture Toxicity

Oral Toxicity LD50: 987mg/ka

Dermal Toxicity LD50: 2.465mg/ka

Inhalation Toxicity LC50: 0mg/L

### Component Toxicity

25036-25-3 Phenol

Oral LD50: 270 mg/kg (MOUSE) Dermal LD50: 630 mg/kg (RABBIT)

1330-20-7 XYLENES

Oral LD50: 4,300 mg/kg (RAT) Inhalation LC50: 5,000 ppm (RAT)

100-41-4 Ethyl benzene

Oral LD50: 3,500 mg/kg (RAT) Inhalation LC50: 4,000 ppm (RAT)

108-10-1 Methyl isobutyl ketone

Oral LD50: 2,080 mg/kg (RAT) Inhalation LC50: 12 mg/m<sup>3</sup> (RAT)

Toxicological testing has not been conducted with this material.

### POTENTIAL HEALTH EFFECTS

Inhalation    Skin Contact    Eye Contact    Ingestion

#### EYES:

Liquid is moderately irritating to the eyes. High vapor concentrations may also be irritating. Direct contact with the liquid or exposure to its vapors or mists may cause stinging, tearing, redness.

**SKIN:** Liquid is mildly irritating to the skin. Prolonged or repeated contact can result in defatting and dryness of the skin which may result in skin irritation and dermatitis (rash).

#### INGESTION:

Liquid is moderately toxic and may be harmful if swallowed; may produce CNS depression. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonia.

#### INHALATION:

High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

## Effects of Overexposure

### Carcinogenicity:

NTP Carcinogen: No

IARC Monographs: No

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
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**IMMEDIATE CONCERNS:** WARNING! Flammable liquid and vapor. Harmful or fatal if swallowed. Vapor harmful. May cause central nervous system depression. May be irritating to eyes and skin.

### **MEDICAL CONDITIONS AGGRAVATED:**

Persons with pre-existing skin, eye, or central nervous system disorders, or impaired liver, kidney, or pulmonary function may be susceptible to the effects of this substance.

### **COMMENTS:**

Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

## **12. ECOLOGICAL INFORMATION**

### **ECOTOXICOLOGICAL INFORMATION:**

Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

This material is toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.

### **Component Ecotoxicity**

Phenol	Ecotoxicity in water (LC50): 125 mg/l 24 hours [Fish (Goldfish)]. >50 mg/l 1 hours [Fish (Fathead minnow)]. >50 mg/l 24 hours [Fish (Fathead minnow)]. >33 mg/l 72 hours [Fish (Fathead minnow)]. >33 ppm 96 hours [Fish (Fathead minnow)].
Ethyl benzene	LC50 (96 hr.) Fish: 32.0~97.1 mg/l EC50 (48 hr.) Water flea: Not available Bioccentration factor (BCF): Not available
Methyl isobutyl ketone	Toxicity to fish LC0 - <i>Leuciscus idus melanotus</i> - 480 mg/l - 48 h  Toxicity to daphnia and other aquatic invertebrates EC50 - <i>Daphnia magna</i> (Water flea) - 1,550 - 3,623 mg/l - 24 h  Toxicity to algae EC50 - <i>Desmodesmus subspicatus</i> (green algae) - 980 - 2,000 mg/l - 48 h

## **13. DISPOSAL CONSIDERATIONS**

### **DISPOSAL METHOD:**

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

### **EMPTY CONTAINER:**

KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose

such containers to heat, flame, sparks, static electricity, or other sources of ignition.

**RCRA/EPA WASTE INFORMATION:**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Paint

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN1263

**PACKING GROUP:** II

**NAERG:** 128

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** 1000 lbs

**LABEL:** Flammable liquid

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
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**15. REGULATORY INFORMATIONS**

**CERCLA (COOMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA RQ:** 1000 lbs.

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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EU Risk Phrases

Safety Phrase

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under CFR 40 720.30.

## SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

### 311/312 HAZARD CATEGORIES:

This product should be reported as an immediate (acute) health hazard, delayed (chronic) health hazard, and a fire hazard.

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:** Toluene (CAS 108-88-3) and benzene (CAS 71-43-2)

### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** To the best of our knowledge, this product is not listed as an extremely hazardous substance.

## 16. OTHER INFORMATION

### Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

### HMIS & NFPA Hazard Rating

#### Legend

\* = Chronic Health Hazard

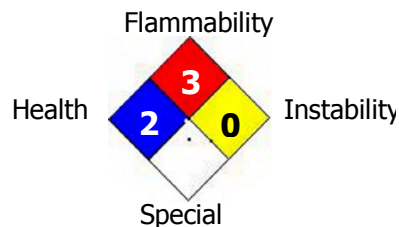
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

### National Fire Protection Association (NFPA)



### MANUFACTURER DISCLAIMER:

The information contained herein is based on the data available to us and is believed to be accurate. However, Drew Paints, Inc. makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Drew Paints, Inc. assumes no responsibility of injuries from the use of the product described herein.

Reviewer Revision

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