

<b>SECTION I: PRODUCT AND COMPANY IDENTIFICATION</b>
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**PRODUCT NAME:** Powercrete PW Part A  
**CHEMICAL/FAMILY NAME:** Epoxy resin  
**PRODUCT TYPE:** Liquid epoxy resins blended with fillers and pigments

**MANUFACTURER:** Berry Plastics  
**DIVISION:** Corrosion Protection Group  
**ADDRESS:** 11010 Wallisville Road,  
 Houston, TX, 77013

**EMERGENCY TELEPHONE NUMBER:** CHEMTREC 1-800-424-9300  
**OTHER TECHNICAL/HEALTH/SAFETY INFORMATION:** (713) 676-0085

Health	2
Flammability	1
Reactivity	0
Protective Equipment	X

<b>SECTION II - HAZARDOUS INGREDIENTS</b>
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Specific Chemical Name:

1. Oxirane, (Chloromethyl)-, Polymer with .Alpha.-Hydro-.Omega.-Hydroxypoly{Oxy(Methyl-1,2-Ethanediy)}

CAS Number: 9072-62-2

Common Name: Polypropyleneglycol Glycidyl Ether

Exposure Limits:

OSHA PEL: Not established

ACGIH TLV: Not established

Carcinogenicity: This chemical has not been reviewed for carcinogenicity by NTP, IARC, or OSHA.

2. Phenol, 4,4'-(1-Methylethylidene) Bis-, Polymer with (Chloromethyl) Oxirane

CAS Number: 25068-38-6

Common Name: Bisphenol A Diglycidyl Ether

Exposure Limits:

OSHA PEL: Not established

ACGIH TLV: Not established

Carcinogenicity: This chemical has not been reviewed for carcinogenicity by NTP, IARC, or OSHA.

3. Phenol, 4-(1,1-Dimethylethyl)-, Polymer with (Chloromethyl) Oxirane and 4,4'-(1-Methylethylidene) Bis (Phenol)

CAS Number: 67924-34-9

Common Name: Bisphenol A Epoxy Resin

Exposure Limits:

OSHA PEL: Not established  
ACGIH TLV: Not established  
Carcinogenicity: This chemical has not been reviewed for carcinogenicity by NTP, IARC, or OSHA.

### SECTION III - PHYSICAL DATA

Appearance and Odor: Black or tan, very viscous liquid, slight odor.  
Boiling Point: Greater than 392°F (200°C).  
Percent Volatile: Nil.  
Solubility in Water: Negligible.  
Specific Gravity: 1.85 at 77°F (25°C).

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Greater than 200°F (93°C) closed cup.  
Extinguishing Media: Carbon dioxide, foam, dry chemical, water spray.  
Fire Fighting Procedures - Special: Use self-contained breathing apparatus.  
Unusual Fire and Explosion Hazards: Decomposition and combustion products may be toxic.

### SECTION V - REACTIVITY DATA

Stability: Stable.  
Conditions to Avoid: Open flames and elevated temperature.  
Incompatibility: Strong oxidizing agents.  
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, aldehydes, acids.  
Hazardous Polymerization: Will not occur.  
Materials to Avoid: Strong acids or bases in bulk.

### SECTION VI - HEALTH HAZARD DATA

Primary Routes of Exposure: Dermal.  
Oral LD50: (Rat) Greater than 4 g/kg.  
Dermal LD50: (Rabbit) Greater than 2 g/kg.  
Skin Irritation: (Rabbit) Irritant.  
Eye Irritation: (Rabbit) Slight irritation.  
Sensitization: Moderate sensitizer.  
Overexposure Effects: Irritation, sensitization, dermatitis.  
Medical Conditions Aggravated by Exposure: Eye disorders, allergy, eczema, or skin conditions.  
Emergency and First Aid Procedures:

Eyes: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.

Skin: Wash with large amounts of running water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Discard or decontaminate clothing before reuse and destroy contaminated shoes.

Ingestion: Immediately give at least 3-4 glasses of water, but do not induce vomiting. If vomiting occurs, give water again. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention. Have physician determine whether vomiting or stomach evacuation is necessary.

Inhalation: Remove from area to fresh air and provide oxygen. Get immediate medical attention. Other: Promptly remove wet contaminated non-impervious clothing,

wash before reuse.

## SECTION VII - SPILL OR LEAK PROCEDURES

Spill Procedures: Absorb with sand or other absorbent material. Shovel into closable containers for disposal. Wear protective equipment specified below. Flush contaminated area with water. Dispose in accordance with Federal, State, and local regulations.

Waste Disposal Methods: Polymerize in bucket. Add 6 parts of Powercrete-PW Part B to each 100 parts of Powercrete-PW Part A by weight and thoroughly mix. Set outdoors until the mixture is set up and cooled down, dispose in accordance with Federal, State, and local regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Good general mechanical ventilation and local exhaust.  
Protective Gloves: Wear impervious gloves.  
Eye Protection: Wear splash-proof chemical goggles.  
Respiratory Protection: Organic chemical cartridge respirator, if needed.  
Other Protective Equipment: Wear appropriate equipment to prevent eye or skin contact. Use of barrier cream recommended.

## SECTION IX - SPECIAL PRECAUTIONS

Emergency Overview: WARNING!

Causes irritation, can cause sensitization and allergic skin reaction.

Avoid contact with eyes, skin, and clothing.

Avoid breathing vapor, mist, or spray.

Use only with good ventilation. Individuals should wash thoroughly after handling.

Store in cool, dry area in closed containers.

Contaminated leather articles, including shoes, cannot be decontaminated and should be destroyed to prevent reuse.

FOR INDUSTRIAL USE ONLY.

## SECTION X - REGULATORY INFORMATION

OSHA Status: This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

TSCA Inventory Status: Chemical components listed on TSCA Inventory.

TSCA 12(b) Export Notification: This product contains chemical(s) which is (are) regulated by TSCA 12(b) Regulation and it is required that proper export notification shall be sent to EPA prior to shipping out of the United States of America.

CAS Number: 001675-54-3 Chemical

Name: Bisphenol A Diglycidyl Ether

SARA Title III: Section 313 - Toxic Chemicals: This product does not contain a toxic chemical for routine annual 'Toxic Chemical Release Reporting' under Sec. 313 (40 CFR 372).

RCRA: Not a hazardous waste under RCRA (40 CFR 261).

CERCLA: Not listed.

Canadian Inventory Status (CEPA): All components included on the Domestic Substances List (DSL).

New Jersey Right-to-Know: The following is required composition information:

CAS Number: 25068-38-6

Chemical Name: Phenol, 4,4'-(1-Methylethylidene) Bis-, Polymer with (Chloromethyl) Oxirane

Pennsylvania Right-to-Know: The following is required composition information:



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