

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING**

**Product Name** Powercrete J - Part B  
**Product Description** Pipe Coating  
**Manufacturer/Supplier** Berry Plastics Corporation, Corrosion Protection Group  
**Address** 13835, Beaumont Highway,  
Houston, Texas – 77049 (U.S.A.)  
**Phone Number** (713) 676-0085 (Monday – Friday 8:00 am to 5:00 pm)  
**Chemtrec Number** (800) 424-9300  
**Revision Date:**  
**MSDS Date:** March 31, 2011

*Safety Data Sheet according to OSHA's Hazcom Standard (29 CFR 1910.1200)*

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**  
**Warning!**  
Harmful by inhalation, in contact with skin and if swallowed.  
Causes burns.  
May cause sensitization by skin contact.

**Routes of Entry**

Eye contact - Skin contact - Inhalation - Ingestion

**Carcinogenic Status**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Target Organs**

Skin - Eye - Respiratory System

**Health Effects - Eyes**

Corrosive to eyes. Liquid, mist or vapor may cause severe irritation and eye burns.

**Health Effects - Skin**

Contact may cause severe irritation, dermatitis and chemical burns. May cause allergic skin reaction.

**Health Effects - Ingestion**

Swallowing may cause severe burns of the mouth and throat.

**Health Effects - Inhalation**

Vapors may be severely irritating to the respiratory tract. May cause respiratory tract burns. Prolonged repeated exposure can cause lung damage.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component Name	CAS#	Concentration
Alkyl Amine	Proprietary	100%

**4. FIRST AID MEASURES**

**Eyes**

Immediately flood the eye with plenty of water for at least 20 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

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#### 4. FIRST AID MEASURES

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##### **Skin**

Immediately flood the skin with large quantities of water for at least 20 minutes, preferably under a shower. Remove contaminated clothing and continue washing. Contaminated clothing should be washed or dry-cleaned before re-use. Obtain medical attention if blistering occurs or redness persists.

##### **Ingestion**

Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately. Never give anything by mouth to an unconscious or convulsing person.

##### **Inhalation**

Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.

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#### 5. FIRE - FIGHTING MEASURES

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##### **Extinguishing Media**

Use foam, water spray or fog. Use dry chemical, carbon dioxide, sand or earth for small fires only.

##### **Unusual Fire and Explosion Hazards**

Decomposition and combustion products may be toxic.

##### **Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

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#### 6. ACCIDENTAL RELEASE MEASURES

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Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Wear appropriate protective clothing. Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer or has contaminated soil or vegetation. Dispose in accordance with federal, state and local regulations.

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#### 7. HANDLING AND STORAGE

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Use in well ventilated area. Use local exhaust ventilation. Use appropriate protective clothing. If this product is sprayed, aerosolized or applied to hot surfaces, wear appropriate protective clothing to prevent contact with skin, eyes and respiratory system. Consider the use of respiratory protection, especially during application to hot surfaces. Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.

Storage area should be: - cool - dry - well ventilated - away from incompatible materials - out of direct sunlight - away from sources of ignition

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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##### **Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

##### **Alkyl Amine**

None established.

##### **Engineering Control Measures**

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

##### **Respiratory Protection**

Wear respiratory protection if there is a risk of exposure to high vapor concentrations, aerosols or if applied to hot surfaces. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Hand Protection

Butyl gloves are recommended.

### Eye Protection

Chemical goggles or safety glasses with side shields. Consider the use of a face shield if splashing is possible.

### Body Protection

If there is danger of splashing, wear: overall or apron

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	Liquid
Density (lbs./gal)	8.3
Boiling Range/Point (°C/F)	Not determined
Melting Point (°C/F)	Not determined
Flash Point (°C/F)	>139/282
Vapor Pressure	Not determined
Evaporation Rate	Not determined
Solubility in Water	Soluble
Vapor Density (Air = 1)	Not Applicable
Viscosity (cSt)	Not determined

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## 10. STABILITY AND REACTIVITY

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### Stability

Stable under normal conditions.

### Conditions to Avoid

Heat, sparks, flames – contact with incompatibles

### Materials to Avoid

Strong oxidizing agents

### Hazardous Polymerization

Will not occur.

### Hazardous Decomposition Products

Oxides of carbon – oxides of nitrogen

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## 11. TOXICOLOGICAL INFORMATION

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The information below is based on knowledge of the component and toxicology of similar materials.

### Acute Toxicity

Oral LD50 400<LD50≤2000 mg/kg

Dermal LD50 LD50>2000 mg/kg

Inhalation LC50 1<LC50≤5 mg/l

### Specific Target Organ Systemic Toxicity (single and repeat)

Repeated exposure causes effects to the respiratory system with possible lung damage.

### Serious Eye damage/Eye Irritation

Corrosive to eyes.

### Skin Corrosion/Irritation

Corrosive to skin.

### Respiratory or Skin Sensitization

May cause skin sensitization.

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**11. TOXICOLOGICAL INFORMATION**

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**Carcinogenicity**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Germ Cell Mutagenicity**

No relevant studies identified.

**Toxicity to Reproduction**

No relevant studies identified.

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**12. ECOLOGICAL INFORMATION**

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The information below is based on knowledge of the component and toxicology of similar materials.

**Mobility**

No relevant studies identified.

**Persistence/Degradability**

Expected to be not readily biodegradable.

**Bio-accumulation**

Not expected to bioaccumulate significantly.

**Ecotoxicity**

Fish: 10 < LC/EC/IC 50 ≤ 100 mg/l Algae:

10 < LC/EC/IC 50 ≤ 100 mg/l Invertebrates:

10 < LC/EC/IC 50 ≤ 100 mg/l

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**13. DISPOSAL CONSIDERATIONS**

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For disposal of residual product, mix by weight 100 parts Powercrete J - Part A with 11 parts Powercrete J - Part B or mix by volume 5 parts A to 1 part B. Allow mix to solidify in well ventilated area or outdoors. Dispose of in accordance with all applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Empty containers may contain hazardous residues. Dispose of containers with care. Dispose of in accordance with all applicable local, state and national regulations.

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**14. TRANSPORT INFORMATION**

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<b>DOT CFR 172.101 Data</b>	Polyamines, liquid, corrosive, n.o.s. (Polyalkylamines), (8), UN 2735, II
<b>UN Proper Shipping Name</b>	Polyamines, liquid, corrosive, n.o.s. (Polyalkylamines)
<b>UN Class</b>	8
<b>UN Number</b>	UN2735
<b>UN Packaging Group</b>	II
<b>Classification for AIR Transportation (IATA)</b>	Consult current IATA Regulations prior to shipping by air.

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**15. REGULATORY INFORMATION**

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<b>US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS</b>
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**TSCA Listing**

All ingredients have been verified for inclusion on the EPA Toxic Substance Control Act Chemical Substance Inventory.

**DSL (Canadian) Listing**

All ingredients in this product have been verified for inclusion on the Domestic Substance List (DSL).

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**15. REGULATORY INFORMATION**

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**California Proposition 65**

This product contains materials which the State of California has found to cause cancer, birth defects or other reproductive harm: None

**WHMIS Classification**

E.D.2.A

This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.

**SARA Title III Sect. 311/312 Categorization**

Immediate (Acute) Health Hazard

**SARA Title III Sect. 313**

This product does not contain any chemicals that are listed in Section 313 at or above de minimis concentrations.

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**16. OTHER INFORMATION**

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**NFPA Ratings**

NFPA Code for Flammability - 1

NFPA Code for Health - 3

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards – None

**HMIS Ratings**

HMIS Code for Flammability - 1

HMIS Code for Health - 3

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

**Abbreviations**

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

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