

# POLYCAST INDUSTRIES, INC.

## Safety Data Sheet PC-159 Part A

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name	PC-159 Part A
Product number	PC-159 Part A
Brand	PCI
Substance name	Epoxy Resin, Mixture

#### 1.4 Supplier's details

Name	Polycast Industries, Inc.
Address	130 South 2nd Street Bay Shore, NY 11706 USA
Telephone	6315952530
Fax	6315952537

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

#### 2.2 GHS label elements, including precautionary statements

##### Pictogram



##### Hazard statement(s)

H317	May cause an allergic skin reaction
H315	Causes skin irritation
H319	Causes serious eye irritation

#### 2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Other names / synonyms	Epoxy resin, base
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##### Hazardous components

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### 1. Epoxy Resin

Concentration Not specified

#### Trade secret statement (OSHA 1910.1200(i))

Proprietary Ingredient – may be made available as provided in 29 CFR 1910.1200 (I).

This product contains substances subject to the reporting requirements of SARA Section 313 of Title III of the Superfund Amendments and reauthorization Act of 1986 and 40 CFR Part 372.

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash skin with soap and water or waterless hand cleaners. Remove contaminated clothing.
In case of eye contact	Flush Eyes with water for 15 minutes, and get medical attention.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Personal protective equipment for first-aid responders	Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Foam, Carbon Dioxide (CO<sub>2</sub>), Dry Chemical, Sand

### 5.2 Specific hazards arising from the chemical

None.

### 5.3 Special protective actions for fire-fighters

Wear protective clothing.  
Fight fire from a safe distance.  
Close all valves to the area.  
Shut off all power to the area.  
Emergency lights must be turned on.  
Self-contained breathing apparatus is to be used.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Respiratory protection:

NESA/NIOSH approved respirator is highly recommended.

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\*\*Always work in areas with adequate ventilation to allow dissipation of vapors.

Ventilation:

Provide adequate cross air circulation.

Protective Gloves:

Gloves resistant to chemical penetration

Eye Protection:

Splash-proof safety, Chemical Worker and Chemical Splash goggles.

Other Protective Equipment:

Eyewash Station, Emergency Shower, and use of barrier cream

recommended.

Chemical Apron, Rubber Foot Covering, Clean Long Sleeve and Leg Clothing.

### 6.3 Methods and materials for containment and cleaning up

Steps For Material Spillage:

Absorb with sand and dispose of in an approved manner.

Dike area with sand to contain spilled liquid.

Prevent spillage from entering underground water systems.

Ventilate area. Flush area with water but do NOT flush into sewer.

Remaining material may be emulsified with soap and water and absorbed.

Scoop up contaminated soil and place in dry drums.

Large spills may be pumped into closed, but not sealed containers.

Waste disposal methods:

Dispose of in accordance with local regulations.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Wash thoroughly after handling.

Wash before eating, drinking, smoking, or using toilet.

Keep away from open flames.

Check all containers for leaks.

Avoid prolonged breathing or contact with skin.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry place.

Store in tightly closed containers

Store away from food and beverages.

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## SECTION 8: Exposure controls/personal protection

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Splash-proof safety, Chemical Worker and Chemical Splash goggles.

#### Skin protection

Gloves resistant to chemical penetration.

#### Body protection

Splash-proof safety, Chemical Worker and Chemical Splash goggles.

Gloves resistant to chemical penetration.

#### Respiratory protection

NESA/NIOSH approved respirator is highly recommended.

## **SECTION 9: Physical and chemical properties**

### **Information on basic physical and chemical properties**

Appearance/form	Solid
Odor	Slight
Odor threshold	n/a
pH	n/a
Melting point/freezing point	n/a
Initial boiling point and boiling range	n/a
Flash point	>200F
Evaporation rate	Slower (relative to n-butyl acetate)
Flammability (solid, gas)	Combustible Liquid Class III B
Upper/lower flammability limits	n/a
Upper/lower explosive limits	n/a
Vapor pressure	n/a
Vapor density	heavier than air
Relative density	n/a
Solubility(ies)	in H <sub>2</sub> O, negligible (<0.1%)
Partition coefficient: n-octanol/water	n/a
Auto-ignition temperature	n/a
Decomposition temperature	n/a
Viscosity	n/a
Explosive properties	n/a
Oxidizing properties	n/a

### **Other safety information**

Specific Gravity: 1.14

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

Stable under recommended storage conditions.

### **10.2 Chemical stability**

Stable.

### **10.3 Possibility of hazardous reactions**

Hazardous polymerization will not occur.

### **10.4 Conditions to avoid**

None.

### **10.5 Incompatible materials**

Amines, acids, water, hydroxyl, or active hydrogen compounds.

### **10.6 Hazardous decomposition products**

Oxides of carbon and aldehydes.

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## **SECTION 11: Toxicological information**

### **Information on toxicological effects**

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### Skin corrosion/irritation

Wash skin with soap and water or waterless hand cleaners.

### Serious eye damage/irritation

Contact irritating to eyes.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

### Respiratory or skin sensitization

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

### Summary of evaluation of the CMR properties

---Ingredient---	OSHA	ACGIH	LD50 (mg/kg)		LC50 (ppm)
Material Ingredient	PEL	TLV (twa)	(rat)	(rbt)	(rat)
		Mg/m3 ppm	oral	dermal	inhal
Epoxy resin	n/a	n/a	>9000	>10000	n/a

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## SECTION 12: Ecological information

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### SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of in accordance with local regulations.

#### Disposal of contaminated packaging

Dispose of in accordance with local regulations.

#### Sewage disposal

Do NOT flush into sewer.

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## SECTION 14: Transport information

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

#### HMIS Rating

Health	2
Flammability	1
Physical hazard	0
Personal protection	H

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## SECTION 16: Other information