

## SAFETY DATA SHEET



Date Prepared : 04/29/2015

SDS No : SCC-165B

## 165 Epoxy Polymer Concrete, Part B, Resin

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 165 Epoxy Polymer Concrete, Part B, Resin**PRODUCT CODE:** 165LB**MANUFACTURER**

Sauereisen  
160 Gamma Drive  
Pittsburgh, PA 15238  
**Emergency Contact:** John Kozak  
**Emergency Phone:** (800)424-9300  
**Alternate Contact:** Don Schubert  
**Customer Service:** 412 963-0303  
**E-Mail:** jakozak@sauereisen.com

**24 HR. EMERGENCY TELEPHONE NUMBERS**

Poison Control Center (Medical):1-800-222-1222  
CHEMTREC (US Transportation): 1-800-424-9300  
CHEMTREC (Outside US):1-703-527-3887

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS****Health:**

Respiratory Tract Irritation, Category 3  
Respiratory Sensitization, Category 1B  
Skin Irritation, Category 2  
Eye Irritation, Category 2B

**GHS LABEL**

Exclamation  
mark



Health  
hazard

**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H335: May cause respiratory irritation.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H315: Causes skin irritation.  
H320: Causes eye irritation.

**PRECAUTIONARY STATEMENTS****Prevention:**

P264: Wash ... thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P285: In case of inadequate ventilation wear respiratory protection.  
P271: Use only outdoors or in a well-ventilated area.

**Response:**

P302+P352: IF ON SKIN: Wash with plenty of water/...  
P322: Specific measures (see ... on this label).

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...

P312: Call a POISON CENTER/doctor/...if you feel unwell.

#### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

#### Disposal:

P501: Dispose of contents/container to ...

### POTENTIAL HEALTH EFFECTS

**EYES:** Irritating, and may injure eye tissue if not removed promptly.

**SKIN:** Moderate irritation and dryness. Prolonged or repeated exposure may result in sensitization.

**INHALATION:** Headache, nausea, and irritation to the nose and throat. Prolonged or repeated exposure may cause asthma.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Bisphenol A/epichlorohydrin Resin	< 90	25068-38-6
Oxirane, Mono[(c12-14-alkyloxy)methyl] Derivs.	< 30	68609-97-2

### 4. FIRST AID MEASURES

**EYES:** Check for and remove all contact lenses. Flush eyes immediately with water or physiological saline for at least 15 minutes while lifting upper and lower lids. Do not use eye ointment. Seek medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, immediately give large quantities of water. Induce vomiting by tickling back of throat with finger, depressing back of tongue with finger, or drinking one or more glasses of salt water. Do not give an unconscious person anything by mouth or induce vomiting. Seek immediate medical attention.

**INHALATION:** If difficulty breathing, move to fresh air once. For acute overexposure, give oxygen if breathing is difficult. Apply artificial respiration if breathing has stopped. Keep patient warm and at rest. Seek immediate medical attention.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Can cause redness, tearing, irritation, inflammation and corneal opacity.

**SKIN:** Moderate irritation and dryness. Prolonged or repeated exposure may result in sensitization.

**INHALATION:** Headache, nausea, and irritation to nose and throat. Prolonged or repeated exposure may cause asthma.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water fog, foam, carbon dioxide, and dry chemicals.

**EXPLOSION HAZARDS:** Dusts and aerosols at sufficient concentrations may exhibit explosive characteristics if ignited by static discharge or spark. Exercise care during dusting or misting operations such as grinding or drilling.

**FIRE FIGHTING PROCEDURES:** Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

**FIRE EXPLOSION:** Containers may explode in heat of fire; cool containers with water.

**SENSITIVE TO STATIC DISCHARGE:** None

**SENSITIVITY TO IMPACT:** None

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILL:

Avoid contact with material. Persons not wearing appropriate protective equipment should be excluded from the area of spill until clean-up is complete. Stop spill at source. Dike area to prevent spreading. Remaining product may be taken up by clay, diatomaceous earth or other absorbent and shoveled into disposal containers such as a dumpster or other common garbage receptacle. Residual material may be removed using steam or hot soapy water. Keep spark-producing equipment away from area. Observe environmental regulations and report spills as required to appropriate authorities. Personal Precautions: Avoid dust formation. Remove all sources of ignition. Ensure adequate ventilation. Use protective equipment. See also Section 8.

**LARGE SPILL:** Large quantities may be pumped into closed but not sealed containers for disposal.

### GENERAL PROCEDURES:

Trained personnel using pre-planned procedures should respond to uncontrolled releases. Proper protective equipment should be used. In case of spill, clear the affected area and prevent unprotected personnel from entering.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.

Avoid breathing dust.

For industrial use only!

Do not take internally.

May cause irritation.

Wear chemical splash goggles, gloves, and protective clothing.

Use adequate ventilation and employ respiratory protection where dust or fumes may be generated.

Wash thoroughly after handling.

**STORAGE:** Store in a cool, dry place.

Keep container closed when not in use.

Store away from direct heat and flame.

Keep away from food and drinking water.

Always mix well before using.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Bisphenol A/epichlorohydrin Resin	OSHA PEL	STEL		15
	ACGIH TLV	TWA		10

**ENGINEERING CONTROLS:** Breathing vapors must be avoided. Ventilation must be sufficient to control vapors. This material should be confined as far as possible within sealed or covered equipment in which case normal ventilation should be adequate. Special (local) ventilation will be needed in areas where vapors are expected to be vented.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields, chemical resistant goggles, or face shield. Contact lenses should not be worn.

**SKIN:** Impervious gloves, neoprene, or other suitable long sleeved and legged clothing. Launder clothing before reuse.

**RESPIRATORY:** No special requirements under ordinary conditions of use and with adequate ventilation. Self contained breathing apparatus recommended when used in small enclosed areas. Use NIOSH approved respirator with organic vapor cartridge if airborne levels exceed PELs and in emergency situations ( e.g. a large spill). If the TLV of any component is exceeded use appropriate respiratory protection or ventilate in accordance with OSH Regulation 29 CFR Part 1910.

**WORK HYGIENIC PRACTICES:** Wash thoroughly after handling. Safety shower and eyewash station should be within direct access. Keep containers closed.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Liquid

**COLOR:** Clear

**pH:** Not Established

**FLASH POINT AND METHOD:** (245°F) Closed Cup

**BOILING POINT:** > (200°F)

**MELTING POINT:** Not Established

**SOLUBILITY IN WATER:** None

**EVAPORATION RATE:** Not Established

**10. STABILITY AND REACTIVITY**

**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Stable under normal conditions of use and storage.

**CONDITIONS TO AVOID:** Avoid long periods of high heat, greater than 110 F

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, phenolics.

**INCOMPATIBLE MATERIALS:** (Materials to Avoid) oxidizing agents, alkalis (bases), acids and amines.

**11. TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

**DERMAL LD<sub>50</sub>:** No data is available on the product itself.

**Notes:** Components: Epoxy LD50 (Rabbit): 20 ml/kg

**ORAL LD<sub>50</sub>:** No data is available on the product itself.

**Notes:** Components: Epoxy LD50 (Rat): 11.4 g/kg

**INHALATION LC<sub>50</sub>:** No data available.

**SERIOUS EYE DAMAGE/IRRITATION:** Eye, Skin and Inhalation Irritant.

**RESPIRATORY OR SKIN SENSITISATION:** Respiratory Sensitizer.

**GERM CELL MUTAGENICITY:** No Data Available

**CARCINOGENICITY**

**NOTES:** Does not contain any substances greater than 0.1% listed by IARC (International Agency for Research on Cancer), NTP (National Toxicology Program), OSHA (Occupational Safety and Health Administration), ACGIH (American Conference for Governmental Industrial Hygienists) or EU (European Union)

**REPRODUCTIVE TOXICITY:** No Data Available

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** No data available. Contact Env. Dept.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Incineration is the preferred method.

**PRODUCT DISPOSAL:** Unused and uncontaminated product can be burned in suitable incineration plants or disposed of in a suitable landfill in accordance with the regulations issued by the appropriate federal, provincial, state, and local authorities.

**EMPTY CONTAINER:** Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal. Empty decontaminated containers should be crushed to prevent reuse. Do not heat or cut empty container with electric

or gas torch. Gases may be highly toxic.

#### 14. TRANSPORT INFORMATION

##### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated

**PRIMARY HAZARD CLASS/DIVISION:** Not Regulated

#### 15. REGULATORY INFORMATION

##### UNITED STATES

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

**311/312 HAZARD CATEGORIES:** Irritant.

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

**313 REPORTABLE INGREDIENTS:** There are no listed chemicals above detection limits in this compound.

**TITLE III NOTES:** None above detection limits.

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Bisphenol A/epichlorohydrin Resin	25068-38-6
Oxirane, Mono[(c12-14-alkyloxy)methyl] Derivs.	68609-97-2

**CALIFORNIA PROPOSITION 65:** Known to the State of California to cause cancer and reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Act of 1986".

It has not been determined and cannot be ascertained that this product would not expose users to the listed chemicals at the very low level prescribed in the regulations. Therefore, it is the user's responsibility to determine if the percent of the hazardous / carcinogenic ingredients listed elsewhere in the SDS comply with State of California regulations.

##### CANADA

##### WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic

R36/38: Irritating to eyes and skin.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

**WHMIS CLASS:** Class D, Division 2, Subdivision B: Materials cause other toxic effects, toxic material.

**DOMESTIC SUBSTANCE LIST (INVENTORY):** Components included on inventory

#### 16. OTHER INFORMATION

**PREPARED BY:** John A Kozak **Date Prepared:** 04/29/2015

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>2</b>
<b>FLAMMABILITY</b>		<b>1</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>G</b>