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## SAFETY DATA SHEET

### SECTION 1 - Identification

#### 1.1 Product Identifier

Product Name • EB-PO-19012-A  
Synonyms • Polyol Resin Blend

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use • Component of Polyurethane  
Restrictions on Use • Industrial Use Only

#### 1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer • Carpenter Co.  
5016 Monument Ave.  
Richmond, Virginia 23230  
(804) 233-0606

#### 1.4 Emergency Telephone

Chemtrec • (800) 424-9300 (24-hr number)

### SECTION 2 - Hazards Identification

#### 2.1 Classification of the Substance or Mixture

This material is not classified as hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### 2.2 GHS Label Elements

This material is not classified as hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### 2.3 Hazards Not Otherwise Classified

None identified

### SECTION 3 - Composition/Information on Ingredients

This material is not classified as hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### SECTION 4 - First Aid Measures

#### 4.1 Description of First Aid Measures

- |                            |   |
|----------------------------|---|
| By route of inhalation     | <ul style="list-style-type: none"><li>• Remove victim to fresh air.</li></ul>   |
| By route of dermal contact | <ul style="list-style-type: none"><li>• Remove contaminated clothing and shoes. Wash thoroughly with soap and water. Seek medical attention if irritation develops.</li></ul>             |
| By route of eye contact    | <ul style="list-style-type: none"><li>• Flush with plenty of water for 15 minutes. Seek medical attention.</li></ul>  |
| By route of ingestion      | <ul style="list-style-type: none"><li>• If victim is conscious, rinse mouth give 1 to 2 glasses of water. Do not induce vomiting unless directed to do so by medical personnel.</li></ul> |

#### 4.2 Most Important Symptoms and Effects, Acute and Chronic

Refer to Section 11 Toxicological Information.

#### 4.3 Indication of Immediate Medical Attention and Special Treatment If Needed

- Treat symptomatically and supportively.

### SECTION 5 - Firefighting Measures

#### 5.1 Extinguishing Media

- |                                |  |
|--------------------------------|--|
| Suitable Extinguishing Media   | <ul style="list-style-type: none"><li>• Dry chemical, foam, carbon dioxide, water fog or fine spray.</li></ul> |
| Unsuitable Extinguishing Media | <ul style="list-style-type: none"><li>• Do not use direct water spray. May spread fire.</li></ul>              |

#### 5.2 Special Hazards Arising From the Substance or Mixture

- May produce oxides of carbon and nitrogen, and have traces of aldehydes, ketones, and organic acids on combustion.

#### 5.3 Special Protective Actions for Firefighters

- Responding personnel must wear positive-pressure, self-contained breathing apparatus (SCBA) and protective firefighting clothing.

### SECTION 6 - Accidental Release Measures

#### 6.1. Personal Precautions, Protective Equipment, and Emergency Procedures

- Isolate the area. Keep unauthorized people away. Do not touch or walk through the spilled material. Spilled material may be slippery. Ensure adequate ventilation in enclosed area. Eliminate all ignition sources. Use protective equipment appropriate for the size of the spill.

#### 6.2 Environmental Precautions

- Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

#### 6.3 Methods and Materials for Containment and Clean Up

- |         |   |
|---------|---|
| Methods | <ul style="list-style-type: none"><li>• Stop leak, dam spill, and transfer liquid into a suitable</li></ul> |
|---------|---|

- container.
- Collect residue with absorbent and transfer into a suitable container for proper disposal.

Materials

- For large spills, responding personnel must use supplied-air positive pressure breathing apparatus.
- Inert absorbent (sand, earth or similar).

#### 6.4 Reference to Other Sections

- Refer to Section 8 for exposure control and personal protective equipment information.
- Refer to Section 12 for ecological information.

### SECTION 7: Handling and Storage

#### 7.1 Precautions for Safe Handling

- Keep containers tightly closed when not in use.
- Do not eat, drink, or smoke in working area.
- Avoid contact with eyes and minimize contact with skin.
- Use good safety and industrial hygiene practices.
- Wash thoroughly after handling.

#### 7.2 Conditions for Safe Storage, Including any Incompatibilities

Storage

- Store materials in a cool, dry place. Store locked up. Do not transport with oxidizers.

Incompatibilities

- Oxidizing materials, acids, and isocyanates.

### SECTION 8: Exposure Controls/ Personal Protection

#### 8.1 Control Parameters

Exposure Limits/Guidelines

- None established.

#### 8.2 Exposure Controls

Engineering Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Eye/Face Protection

- Safety glasses with side shields. Chemical goggles if there is a possibility of splashing.

Respiratory Protection

- None required under normal use. If product is heated or sprayed, appropriate respiratory protection may be needed.

Skin Protection

- Wear suitable working clothes and shoes.
- As with any chemical, skin contact should be minimized with good work practices. Wear chemical resistant gloves appropriate for the intended use. Consult glove

manufacturers for assistance in choosing appropriate gloves.

Ingestion

- Do not eat, drink or smoke in work area. Wash hands before eating or smoking.

Additional Protection Measures

- Eyewash station and safety shower.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	• Liquid	Odor	• Low odor
Appearance /Color	• Clear, slightly yellow	Odor Threshold	• No data available
General Properties			
Boiling Point	• No data available	Melting Point	• No data available
Decomposition Temperature	• No data available	pH	• 8
Density (at 25°C)	• No data available	Water Solubility	• Low
Solvent Solubility	• No data available	Viscosity (at 25°C)	• No data available
Explosive Properties	• No data available	Specific Gravity/Relative Density	• 1.05 (H <sub>2</sub> O=1)
Volatility			
Vapor Pressure	• No data available	Vapor Density	• No data available
Evaporation Rate	• No data available	VOC (Vol.)	• No data available
Volatiles (Vol.)	• No data available		
Flammability			
Flash Point	• >200°F (PMCC)	LEL	• No data available
UEL	• No data available	Flammability (solid, gas)	• No data available
Auto-ignition Temperature	• No data available		
Environmental			
Octanol/Water Partition Coefficient	• No data available		

### 9.2. Other Information

No additional information available

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical Stability

Stable under normal temperatures and pressures.

### 10.3 Possibility of Hazardous Reactions

No data available.

### 10.4 Conditions to Avoid

Elevated temperatures.

### 10.5 Incompatible Materials

Oxidizing materials, strong acids, and isocyanates.

### 10.6 Hazardous Decomposition Products

No data available.

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects

Main routes of exposure include eye and skin exposure.

#### Acute Toxicity

- No data available

#### Skin Corrosion/Irritation

- Based on available information, skin corrosion/irritation is not expected under normal conditions of use.

#### Serious Eye Damage/Irritation

- Eye Irritation Category 2B: Causes eye irritation.

#### Respiratory or Skin Sensitization

- Based on available information, sensitization criteria are not met.

#### Germ Cell Mutagenicity

- Available studies have not indicated this material to be a mutagen.

#### Carcinogenicity

- This product is not considered a human carcinogen by IARC, ACGIH, OSHA or NTP.

#### Reproductive Toxicity

- Available studies have not indicated this material to be a reproductive toxin.

#### Specific Target Organ Toxicity (single exposure)

- Not classified

#### Specific Target Organ Toxicity (repeated exposure)

- STOT-RE: May cause damage to organs (kidney) through prolonged or repeated exposure (oral route of exposure). Classification based on Diethylene glycol.

#### Aspiration Hazard

- No data available

### 11.2 Potential Health Effects

#### Inhalation

- |         |  |
|---------|--|
| Acute   | • Exposure to toxic amounts unlikely unless heated or sprayed. |
| Chronic | • None known.  |

#### Skin

- |         |   |
|---------|---|
| Acute   | • Prolonged contact may cause irritation. |
| Chronic | • None known.                             |

#### Eye

- |         |   |
|---------|---|
| Acute   | • Contact with eyes can cause irritation. |
| Chronic | • None known.                             |

### Ingestion

- |         |  |
|---------|--|
| Acute   | • Small amounts swallowed may cause gastrointestinal discomfort. |
| Chronic | • None known.  |

## SECTION 12: Ecological Information

### 12.1 Ecotoxicity

Aquatic plants: EC0 (72 h) >32 mg/l (growth rate), *Pseudokirchneriella subcapitata* (OECD Guideline 201)

### 12.2 Persistence and Degradability

No data available

### 12.3 Bioaccumulative Potential

No data available

### 12.4 Mobility in Soil

No data available

### 12.5 Other Adverse Effects

No data available

## SECTION 13: Disposal Considerations

### 13.1 Waste Disposal Method

#### Product Waste

- Do not dump into any sewers, on the ground, or into any body of water.
- All disposal methods must be in compliance with Federal, State/Provincial, and local regulations.

#### Packaging Waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## SECTION 14: Transport Information

### U.S. DOT/IATA/IMDG

Not regulated as hazardous for shipment.

## SECTION 15: Regulatory Information

### 15.1 Regulatory Status

**CERCLA Hazardous Substances (40 CFR 302):** None reportable.

**SARA 311/312:** None reportable.

**SARA 313:** None reportable.

### 15.2 US State Regulations

STATE RIGHT-TO-KNOW: To the best of our knowledge, this product contains no chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. (California Health and Safety Code Section 25249.6).

### 15.3 Canadian Regulations

**DSL:** All components of this product are listed on, or exempt from the DSL.

### 15.4 International Inventories\*

**United States:** All components of this product are listed on the TSCA inventory.

\*=Although a chemical may be listed on a country's inventory, it may not indicate a hazard or regulatory control for use.

## SECTION 16: Other Information

### 16.1 HMIS AND NFPA RATINGS

#### HMIS Classification

Health: 1  
Flammability: 1  
Reactivity: 0

#### NFPA Ratings

Health: 1  
Flammability: 1  
Instability: 0  
Special: None

### 16.2 EU CLP Relevant Phrases

Not available

### 16.3 Preparation By

I.H. Department

### 16.4 Preparation Date

April 16, 2019

### 16.5 Last Revision Date

Not applicable

### 16.6 Disclaimer/Statement of Liability

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