

# MATERIAL SAFETY DATA SHEET

## Injecta Seal- Part A

### HMIS

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>C</b>

### 1. Product And Company Identification

<p><b>Supplier</b>                  Superior Industries, Inc.                  6180 Airways Blvd.                  Chattanooga, TN 37421</p> <p><b>Company Contact:</b> EHS Department  <b>Telephone Number:</b> 423-899-0467  <b>FAX Number:</b> 423-899-0421  <b>Web Site:</b> www.superior-industries.co</p>	<p><b>Manufacturer</b>                  Superior Industries, Inc.                  6180 Airways Blvd.                  Chattanooga, TN 37421</p> <p><b>Company Contact:</b> EHS Department  <b>Telephone Number:</b> 423-899-0467  <b>FAX Number:</b> 423-899-0421  <b>Web Site:</b> www.superior-industries.com</p>
<p><b>Supplier Emergency Contacts &amp; Phone Number</b>                  800-476-2072                  INTERNATIONAL: 423-899-0467</p>	<p><b>Manufacturer Emergency Contacts &amp; Phone Number</b>                  800-476-2072                  INTERNATIONAL: 423-899-0467</p>

**Issue Date:** 11/09/2012

**Product Name:** InjectaSeal Part A  
**CAS Number:** Not Established  
**Chemical Family:** Epoxy Compound  
**MSDS Number:** 3748

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
AROMATIC HYDROCARBON BLEND	Mixture	
MODIFIED EPOXY RESIN	Trade Secret	
NONYLPHENOL	84852-15-3	

### 3. Hazards Identification

**Eye Hazards**

May cause eye irritation.

**Skin Hazards**

May cause skin irritation. Prolonged or repeated skin contact may cause an allergic reaction/sensitization.

**Ingestion Hazards**

Harmful if swallowed.

**Inhalation Hazards**

May cause respiratory tract irritation.

# MATERIAL SAFETY DATA SHEET

## Injecta Seal - Part A

### 4. First Aid Measures

#### Eye

Rinse eyes thoroughly with water for at least 15 minutes. Consult physician.

#### Skin

In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

#### Ingestion

If victim is fully conscious, give one or two cups of water or milk to drink. If swallowed, do not induce vomiting. Call a physician immediately.

#### Inhalation

Remove to fresh air. If not breathing, give artificial respiration and seek medical attention.

### 5. Fire Fighting Measures

**Flash Point:** >220 °F

**Autoignition Point:** N/AV °F

#### Fire And Explosion Hazards

None Known

#### Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Avoid release to the environment. Use appropriate personal protective equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Ventilate enclosed area.

### 7. Handling And Storage

#### Handling And Storage Precautions

Store in a cool, dry, well ventilated area. Keep containers tightly closed.

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use with adequate general and local exhaust ventilation.

#### Eye/Face Protection

Safety glasses with side shields or goggles.

#### Skin Protection

Chemical-resistant gloves. Chemical-resistant gloves. Lab coat or other work clothing. Launder before reuse.

#### Respiratory Protection

A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever workplace conditions warrant a respirator's use.

#### Other/General Protection

Wash thoroughly after handling.

# MATERIAL SAFETY DATA SHEET

## Injecta Seal- Part A

### 8. Exposure Controls/Personal Protection - Continued

#### Ingredient(s) - Exposure Limits

AROMATIC HYDROCARBON BLEND  
ACGIH TLV: NOT ESTABLISHED  
OSHA PEL: NOT ESTABLISHED  
NTP: NO  
IARC: NO

### 9. Physical And Chemical Properties

#### Appearance

Light yellow liquid

#### Odor

Mild aromatic odor

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** N/AV °F

**Boiling Point:** N/AV °F

**Specific Gravity:** 1.12

**Percent VOCs:** 2.0

**Packing Density:** 9.33 pounds/gallon

**Vapor Pressure:** N/AV

**Vapor Density:** > AIR

**Solubility:** N/AV

**Evaporation Rate:** Slower than ether

VOC Content: 21.8 grams / liter

NOTE: VOC Percent and Content information is after mixed with Part B, during curing.

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Conditions To Avoid (Stability)

None Known

#### Incompatible Materials

Strong oxidizing materials, acids and bases.

#### Hazardous Decomposition Products

CO, CO<sub>2</sub>, Aldehydes and other organics

#### Conditions To Avoid (Polymerization)

Fires/Exotherm when curing in mass.

### 11. Toxicological Information

#### Conditions Aggravated By Exposure

Eye disease, skin disorders and allergies, chronic respiratory disease

### 12. Ecological Information

No Data Available...

# MATERIAL SAFETY DATA SHEET

## Injecta Seal - Part A

### 13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

### 14. Transport Information

#### Proper Shipping Name

Not regulated by the USDOT.

### 15. Regulatory Information

#### U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

#### SARA Hazard Classes

Acute Health Hazard  
Chronic Health Hazard

#### SARA Section 313 Notification

This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

#### Ingredient(s) - State Regulations

NONYLPHENOL  
Pennsylvania - Workplace Hazard  
Massachusetts - Hazardous Substance

### 16. Other Information

#### HMIS Rating

Health: 2

Fire: 1

Reactivity: 0

PPE: C

#### Revision/Preparer Information

MSDS Preparer: EHS Department

MSDS Preparer Phone Number: 423-899-0467

This MSDS Supercedes A Previous MSDS Dated: 03/16/2005

### Disclaimer

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Superior believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

Superior Industries, Inc.

# MATERIAL SAFETY DATA SHEET

## Injecta Seal- Part B

### HMIS

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	D

### 1. Product And Company Identification

#### Supplier

Superior Industries, Inc.  
6180 Airways Blvd.  
Chattanooga, TN 37421

Company Contact: EHS Department  
Telephone Number: 423-899-0467  
FAX Number: 423-899-0421  
Web Site: www.superior-industries.co

#### Manufacturer

Superior Industries, Inc.  
6180 Airways Blvd.  
Chattanooga, TN 37421

Company Contact: EHS Department  
Telephone Number: 423-899-0467  
FAX Number: 423-899-0421  
Web Site: www.superior-industries.com

#### Supplier Emergency Contacts & Phone Number

800-476-2972

INTERNATIONAL: 423-899-0467

#### Manufacturer Emergency Contacts & Phone Number

800-476-2072

INTERNATIONAL: 423-899-0467

Issue Date: 11/09/2012

Product Name: Injecta Seal - Part B

CAS Number: Not Established

Chemical Family: Amine

MSDS Number: 3749

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
AROMATIC HYDROCARBON BLEND	Mixture	
BENZYL ALCOHOL	100-51-6	
NONYL PHENOL	84852-15-3	
PROPRIETARY BLEND OF CYCLIC & ALIPHATIC AMINES	Trade Secret	

### 3. Hazards Identification

#### Eye Hazards

Corrosive to living tissue. Causes eye irritation. Causes irreversible eye damage.

#### Skin Hazards

Corrosive to living tissue. Causes skin irritation. Prolonged and/or repeated skin contact may cause an allergic reaction/sensitization.

#### Ingestion Hazards

Corrosive to living tissue. Harmful if swallowed.

# MATERIAL SAFETY DATA SHEET

## Injecta Seal- Part B

### 3. Hazards Identification - Continued

#### Inhalation Hazards

Causes respiratory tract irritation. May cause nose, throat, and lung irritation.

### 4. First Aid Measures

#### Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

#### Skin

In case of contact, immediately flush skin with soap and plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

#### Ingestion

If victim is fully conscious, give one or two cups of water to drink. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Contact Physician. Never give anything by mouth to an unconscious victim.

#### Inhalation

Remove to fresh air. If not breathing, give artificial respiration. Contact a physician immediately.

### 5. Fire Fighting Measures

**Flash Point:** >220 °F

**Autoignition Point:** N/AV °F

#### Fire And Explosion Hazards

Exposure to heat builds up pressure in closed containers.

#### Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

#### Fire Fighting Instructions

In the event of a fire, firefighters should wear full protective clothing and NIOSH-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

### 6. Accidental Release Measures

Avoid release to the environment. Use appropriate Personal Protective Equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Do not flush to sewer or allow to enter waterways. Ventilate enclosed area.

### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Store in a cool, dry, well ventilated area. Keep containers tightly closed.

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use of a system of local and/or general exhaust is recommended to keep employee below applicable exposure limits. Refer to the current edition of "Industrial Ventilation: A Manual of Recommended Practice" published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

# MATERIAL SAFETY DATA SHEET

## Injecta Seal- Part B

### 8. Exposure Controls/Personal Protection - Continued

#### Eye/Face Protection

Safety glasses with side shields or goggles.

#### Skin Protection

Chemical-resistant gloves. Chemical-resistant gloves. Lab coat or other work clothing. Launder before reuse.

#### Respiratory Protection

A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever workplace conditions warrant a respirator's use. In areas where the Permissible Exposure Limits are exceeded, use a properly fitted NIOSH-approved respirator.

#### Other/General Protection

Wash thoroughly after handling.

#### Ingredient(s) - Exposure Limits

AROMATIC HYDROCARBON BLEND

ACGIH TLV: NOT ESTABLISHED

OSHA PEL: NOT ESTABLISHED

IARC: NO

NTP: NO

NONYL PHENOL

ACGIH TLV: NOT ESTABLISHED

OSHA PEL: NOT ESTABLISHED

IARC: NO

NTP: NO

### 9. Physical And Chemical Properties

#### Appearance

Amber Liquid

#### Odor

Amine Odor

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** N/AV °F

**Boiling Point:** N/AV °F

**Specific Gravity:** 0.98

**Percent VOCs:** 2.0

**Packing Density:** 8.4 pounds/gallon

**Vapor Pressure:** N/AV

**Vapor Density:** >AIR

**Solubility:** N/AV

**Evaporation Rate:** Slower than ether

VOC Content: 21.8 grams / liter

NOTE: VOC Percent and Content information is after mixed with Part A, during curing.

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Incompatible Materials

Strong oxidizing materials, acids, and epoxy resins under uncontrolled conditions.

# MATERIAL SAFETY DATA SHEET

## Injecta Seal- Part B

### 10. Stability And Reactivity - Continued

#### Hazardous Decomposition Products

CO, CO<sub>2</sub>, Oxides of Nitrogen

#### Conditions To Avoid (Polymerization)

Fires/Exotherm when curing in mass.

### 11. Toxicological Information

#### Miscellaneous Toxicological Information

Repeated exposure to high concentrations of vapor may cause liver and/or kidney effects. Overexposure may cause central nervous system effects.

#### Conditions Aggravated By Exposure

Eye disease, skin disorders and allergies, chronic respiratory conditions.

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

### 14. Transport Information

#### Proper Shipping Name

Corrosive Liquid, basic, organic, n.o.s. (Aliphatic & Cycloaliphatic Amines)

#### Hazard Class

8 PGII

#### DOT Identification Number

UN3267

#### DOT Shipping Label

Corrosive

#### Additional Shipping Paper Description

For individual contractor use Injecta Seal Part B is regulated as per 49 CFR 173.6 (Materials of Trade)

### 15. Regulatory Information

#### U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

#### SARA Hazard Classes

Acute Health Hazard  
Chronic Health Hazard

#### SARA Section 313 Notification

This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

#### Ingredient(s) - State Regulations

BENZYL ALCOHOL



# MATERIAL SAFETY DATA SHEET

## Injecta Seal- Part B

### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations - Continued

New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
Massachusetts - Hazardous Substance

### 16. Other Information

#### HMIS Rating

Health: 3

Fire: 1

Reactivity: 0

PPE: D

#### Revision/Preparer Information

MSDS Preparer: EHS Department

MSDS Preparer Phone Number: 423-899-0467

This MSDS Supercedes A Previous MSDS Dated: 04/26/2005

#### Disclaimer

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Superior believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

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