



# Safety Data Sheet

## BOMS 5115 Pre-Mixed & Frozen (1cc fill) Part A

### Section 1. Identification

Product Identifier BOMS 5115 Pre-Mixed & Frozen (1cc fill) Part A  
Synonyms N/A  
Manufacturer Stock Numbers N/A

Recommended use N/A  
Uses advised against N/A

#### Manufacturer Contact

Address Resin Formulators  
18027 Bishop Avenue  
Carson, CA, 90746  
USA

Phone  
(310) 204-6159

Emergency Phone  
(800) 424-9300  
CHEMTREC

Fax  
(310) 202-7247

Email  
sales@evroberts.com

Website  
<http://www.evroberts.com>

### Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2A  
SENSITIZATION - SKIN - Category 1  
SKIN CORROSION/IRRITATION - Category 2

Signal Word Warning

Pictogram



Hazard Statements

Can cause severe irritation or burns on the skin  
Causes serious eye irritation  
May cause an allergic skin reaction

Precautionary Statements

Response

If eye irritation persists: Get medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on clothing: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
If on skin: Wash with plenty of water/ ...  
If skin irritation or rash occurs: Get medical advice/attention.  
Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Specific treatment (see ... on this label)  
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.  
Contaminated work clothing must not be allowed out of the workplace.  
In case of inadequate ventilation wear respiratory protection.  
Wash ...thoroughly after handling.  
Wear eye protection/face protection.  
Wear protective Butyl Gloves, Face Shield, Eye Bath and Safety Shower.  
Wear protective gloves.

Storage

N/A

Disposal

Dispose of contents/container to ...

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

No Data Available

**Section 3. Ingredients**

CAS	Ingredient Name	Weight %
Proprietary	EPOXY RESIN	60-100 %
Proprietary	EPOXY RESIN	10-30 %
Modified Epoxy Resin	Unknown	1-5 %
Modified Epoxy Resin	Unknown	1-5 %
67762-90-7	Siloxanes and Silicones, di-Me, reaction products with silica	1-5 %
65997-17-3	Glass, oxide, chemicals	1-5 %

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-Aid Measures

### Additional Information

Inhalation: If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Skin contact: Remove contaminated clothing and footwear. Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: Get immediate medical attention. If symptoms develop and persist, get medical attention.

Symptoms: See Section 11.

Notes to physician: Treat symptomatically and supportively.

## Section 5. Fire Fighting Measures

### Suitable Extinguishing Media

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Cartridge respirators do not provide adequate protection for fire fighters or exotherm mitigation.

Unusual fire or explosion hazards: May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.

Hazardous combustion products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.

### Unsuitable Extinguishing Media

N/A

## Section 6. Accidental Release Measures

### Additional Information

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.

Clean-up methods: Scrape up spilled material and place in a closed container for disposal. Dispose of according to Federal, State and local governmental

regulations.

## Section 7. Handling and Storage

### Additional Information

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

Storage: Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

For information on product shelf life, please review labels on container or check the Technical Data Sheet

## Section 8. Exposure Controls/Personal Protection

### Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
EPOXY RESIN	N/A	N/A	N/A
EPOXY RESIN	N/A	N/A	N/A
Unknown	N/A	N/A	N/A
Unknown	N/A	N/A	N/A
Siloxanes and Silicones, di-Me, reaction products with silica	N/A	N/A	N/A
Glass, oxide, chemicals	N/A	N/A	N/A

### Personal Protective Equipment

N/A

### Additional Information

Engineering controls: Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory protection: If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Beige
Odor	Slight
Odor Threshold	N/A
Solubility	N/A

Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

## Section 10. Stability and Reactivity

**Additional Information**

Stability: Stable at normal conditions.

Hazardous reactions: May occur.

Hazardous decomposition products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.

Incompatible materials: Keep away from strong oxidizing agents, strong Lewis or mineral acids.

Reactivity: Not available.

Conditions to avoid: Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Do not heat mixed adhesive unless curing surfaces to be bonded. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

## Section 11. Toxicological Information

**Additional Information**

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation. May cause allergic respiratory reaction. Skin contact: This product may cause irritation to the skin. This product may cause an allergic skin reaction. Eye contact: This product may cause irritation to the eyes. Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.

## Section 12. Ecological Information

**Additional Information** Ecological information: Toxic to aquatic organisms

## Section 13. Disposal

**Additional Information** Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

## Section 14. Transport Information

**UN Number** N/A

**UN Proper Shipping Name** N/A

**DOT Classification** N/A

**Packing Group** N/A

**Additional Information** International Air Transportation (ICAO/IATA) Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin resin, Bisphenol A diglycidyl ether) Hazard class or division: 9 Identification number: UN 3082 Packing group: III

Water Transportation (IMO/IMDG) Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol-A Epichlorhydrin resin, Bisphenol A diglycidyl ether) Hazard class or division: 9 Identification number: UN 3082 Packing group: III Marine pollutant: Bisphenol-A Epichlorhydrin resin, Bisphenol A diglycidyl ether

## Section 15. Regulatory Information

**Additional Information** United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act inventory. TSCA 12 (b) Export Notification:

None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis  
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health  
CERCLA/SARA Section 313: None above reporting de minimis

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

## **Section 16. Other Information**

Revision Date

6/14/2018

Disclaimer

The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of E.V. Roberts' product safety program. It is not intended to constitute performance information concerning the product. No warranty, expressed or implied, or merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein.

To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. E.V. Roberts does not undertake to furnish advice on such matters.



# Safety Data Sheet

## BOMS 5115 Pre-Mixed & Frozen (1cc fill) Part B

### Section 1. Identification

Product Identifier BOMS 5115 Pre-Mixed & Frozen (1cc fill) Part B  
Synonyms N/A  
Manufacturer Stock Numbers N/A

Recommended use N/A  
Uses advised against N/A

#### Manufacturer Contact

Address Resin Formulators  
18027 Bishop Avenue  
Carson, CA, 90746  
USA

Phone  
(310) 204-6159

Emergency Phone  
(800) 424-9300  
CHEMTREC

Fax  
(310) 202-7247

Email  
sales@evroberts.com

Website  
<http://www.evroberts.com>

### Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 1  
SENSITIZATION - SKIN - Category 1  
SKIN CORROSION/IRRITATION - Category 1B  
Signal Word Danger



Pictogram



Hazard Statements

Causes serious eye damage  
Causes severe skin burns and eye damage  
May cause an allergic skin reaction

Precautionary Statements

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If on skin: Wash with plenty of water/ ...  
If skin irritation or rash occurs: Get medical advice/attention.  
If swallowed: Rinse mouth. Do NOT induce vomiting.  
Immediately call a poison center/doctor/ ...  
Specific treatment (see ... on this label)  
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.  
Contaminated work clothing must not be allowed out of the workplace.  
Do not breathe dust/fume/gas/mist/ vapors/spray.  
Wash ...thoroughly after handling.  
Wear eye protection/face protection.  
Wear protective gloves.  
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store locked up.

Disposal

Dispose of contents/container to ...

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

No Data Available

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
4246-51-9	1-Propanamine, 3,3'-[oxybis(2,1-ethanedioxy)]bis-	60-100 %
112945-52-5	Silica Fumes	10-15 %
Proprietary	Silane derivative	1-5 %
25068-38-6	bisphenol-A-(epichlorhydrin) epoxy resin	<1 %

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-Aid Measures

### Additional Information

Inhalation: If inhaled, immediately remove the affected person to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Remove contaminated clothing and footwear. Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention. Wash clothing before reuse.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: Get immediate medical attention. Do not induce vomiting. Keep individual calm.

Symptoms: See Section 11.

Notes to physician: Treat symptomatically and supportivel

## Section 5. Fire Fighting Measures

### Suitable Extinguishing Media

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear full protective clothing. Wear self-contained breathing apparatus.

Unusual fire or explosion hazards: May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses. In case of fire, keep containers cool with water spray.

Hazardous combustion products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. Ammonia.

### Unsuitable Extinguishing Media

N/A

## Section 6. Accidental Release Measures

### Additional Information

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.

Clean-up methods: Scrape up spilled material and place in a closed container for disposal. Dispose of according to Federal,

## Section 7. Handling and Storage

### Additional Information

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container closed. Avoid breathing vapors or mists of this product. Keep away from heat, spark and flame. For industrial use only.

Storage: Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

## Section 8. Exposure Controls/Personal Protection

### Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
1-Propanamine, 3,3'-[oxybis(2,1-ethanedioxy)]bis-	N/A	N/A	N/A
Silica Fumes	N/A	N/A	N/A
Silane derivative	N/A	N/A	N/A
bisphenol-A-(epichlorhydrin) epoxy resin	N/A	N/A	N/A

### Personal Protective Equipment

Goggles, Gloves

### Additional Information

Engineering controls: Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory protection: If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended

## Section 9. Physical and Chemical Properties

Physical State	N/A
Color	N/A
Odor	N/A
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A

FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

## Section 10. Stability and Reactivity

### Additional Information

Stability: Stable at normal conditions.

Hazardous reactions: May occur.

Hazardous decomposition products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. Ammonia.

Incompatible materials: This product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Organic acids. Mineral acids. Oxidizing agents.

Reactivity: Not available.

Conditions to avoid: Excessive heat. Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Failure to observe these precautions may result in excessive heat build-up causing an exotherm. Store away from incompatible materials.

## Section 11. Toxicological Information

### Additional Information

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: Mists, vapors or liquid may cause severe irritation or burns. Skin contact: This product is severely irritating to the skin and may cause burns. Eye contact: This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness. Ingestion: May be harmful if swallowed. If ingested, severe burns of the mouth and throat may occur, as well as perforation of the esophagus and the stomach.

## Section 12. Ecological Information

Additional Information Ecological information: Not available.

## Section 13. Disposal

### Additional Information

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: This product, if discarded, may be characterized as a RCRA corrosive waste, D002. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous waste

## Section 14. Transport Information

UN Number 2735  
UN Proper Shipping Name Amines, liquid, corrosive, n.o.s. (Diethylene glycol di-(3-aminopropyl) ether)  
DOT Classification 8  
Packing Group II  
Additional Information

International Air Transportation (ICAO/IATA) Proper shipping name: Amines, liquid, corrosive, n.o.s. (Diethylene glycol di-(3-aminopropyl) ether) Hazard class or division: 8 Identification number: UN 2735 Packing group: II

Water Transportation (IMO/IMDG) Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Diethylene glycol di-(3-aminopropyl) ether) Hazard class or division: 8 Identification number: UN 2735 Packing group: II

## Section 15. Regulatory Information

Additional Information United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act inventory. TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis  
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health  
CERCLA/SARA Section 313: None above reporting de minimis

California Proposition 65: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

## **Section 16. Other Information**

Revision Date

6/14/2018

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