



# Safety Data Sheet

## BOMS 5037-1 Part A

### Section 1. Identification

Product Identifier	BOMS 5037-1 Part A		
Synonyms	N/A		
Manufacturer Stock Numbers	N/A		
Recommended use	Epoxy Resin		
Uses advised against	Avoid high temperatures, flames and contact with strong oxidizing agents.		
Manufacturer Contact			
Address	Resin Formulators 18027 Bishop Avenue Carson, CA, 90746 USA		
	Phone	Emergency Phone	Fax
	(310) 204-6159	(800) 424-9300 CHEMTREC	(310) 202-7247
	Email	Website	
	sales@evroberts.com	http://www.evroberts.com	

### Section 2. Hazards Identification

Classification	ACUTE TOXICITY - DERMAL - Category 4 ACUTE TOXICITY - INHALATION - Category 5 ACUTE TOXICITY - ORAL - Category 4 CARCINOGENICITY - Category 2 EYE DAMAGE/IRRITATION - Category 2A HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD - Category 2 HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD - Category 2 SKIN CORROSION/IRRITATION - Category 2
Signal Word	Warning

Pictogram



Hazard Statements

Causes serious eye irritation  
Harmful if swallowed  
Harmful in contact with skin  
May be harmful if inhaled  
Moderately irritating to skin  
Suspected of causing cancer (state route of exposure if no other routes of exposure cause the hazard)  
Toxic to aquatic life with long lasting effects  
Toxic to aquatic life

Precautionary Statements

Response

Call a poison center/doctor/ ... /if you feel unwell.  
Collect spillage  
If exposed or concerned: Get medical advice/attention.  
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 INHALED: Call a POISON CENTER or doctor/... if you feel unwell  
If on skin: Wash with plenty of water/ ...  
If swallowed: Call a poison center/doctor/ ... / if you feel unwell.  
Rinse mouth.  
Specific treatment (see ... on this label)  
Take off immediately all contaminated clothing and wash it before reuse.

Prevention

Avoid release to the environment  
Do not eat, drink or smoke when using this product.  
Do not handle until all safety precautions have been read and understood.  
Obtain special instructions before use.  
Wash ...thoroughly after handling.  
Wear eye protection/face protection.  
Wear protective Butyl Gloves, Face Shield, Eye Bath and Safety Shower.  
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

Physical state

Liquid

Odor

Mild

OSHA/HCS Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910. 1200)

Emergency Overview

WARNING!  
This product contains material(s) that are absorbed through the skin. Harmful in contact with skin and if swallowed. Irritating to eyes, respiratory system and

skin. May cause sensitization by skin contact. Keep away from heat, sparks and flame. Do not breathe vapor or mist. Do not ingest. Do not get in eyes or on skin or clothing. Contains material that may cause target organ damage, based on animal data. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Routes of Entry	Skin Contact, Eye Contact, Inhalation, Ingestion
Potential Health Effects	
Inhalation	Irritating to respiratory system. May cause sensitization by inhalation.
Ingestion	Harmful if swallowed. Can cause target organ damage. Ingestion may cause gastrointestinal irritation and diarrhea.
Skin	Irritating to the skin. Harmful in contact with skin. This product contains material(s) that are absorbed through the skin. Can cause target organ damage and symptoms similar to those listed under inhalation or ingestion. May cause sensitization by skin contact. Skin inflammation is characterized by itching, scaling, reddening or, occasionally blistering. Prolonged or repeated contact may cause dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. In the event of any complaints or symptoms, avoid further exposure. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.
Eye	Irritating to eyes. Adverse symptoms may include the following: redness, itching, swelling, pain.
Potential Chronic Health Effects	
Chronic effects	Contains material that can cause target organ damage. Adverse symptoms may include the following: Copper chromite black spinel: Dust or fumes may cause a metallic taste in the mouth. Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage. Large quantities may be toxic. Contains chromium (III) and Copper Compounds. Proprietary Polymer: May cause allergic skin reactions with repeated exposure.
Target Organs	Contains material which causes damage to the following organs: Kidneys, liver, mucous membranes, upper respiratory tract, skin, eyes lens or cornea, central nervous system (CNS).
Carcinogenicity	This product and its components are not listed by NTP, IARC or regulated as a carcinogen by OSHA.
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards
Developmental Effects	No known significant effects or critical hazards.
Fertility Effects	No known significant effects or critical hazards.
California Prop. 65 Components	WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer. WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause birth defects or other reproductive harm.
Medical Conditions Aggravated by Exposure	Pre-existing skin and digestive disorders and disorders involving and other target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.

## Section 3. Ingredients

CAS	Ingredient Name	Weight %
Proprietary	Inorganic Filler	40-50 %
Proprietary	Glycol Ether(s)	10-20 %
14807-96-6	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	1-10 %
21645-51-2	Aluminum hydroxide (Al(OH) <sub>3</sub> )	1-10 %
	Inorganic Fillers	1-10 %

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

## Section 4. First-Aid Measures

Eye	Check for and remove any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with running water for at least 30 minutes, keeping eyelids open.
Skin Contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Get medical attention. May cause sensitization by skin contact. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Wash contaminated clothing before reuse. Clean shoes thoroughly before reuse. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Inhalation	Get medical attention immediately. Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Ingestion	Get medical attention immediately. Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	<p>Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.</p> <p>Extinguishing Media: Carbon dioxide, dry chemical, foam or water fog.</p> <p>Special Exposure Hazards: Promptly isolate the scene by removing all persons from the vicinity of the</p>
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incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Hazardous Combustion Products:**

Carbon Oxides

**Specific Hazards:**

Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.

Vapors are heavier than air and may spread along floors. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

**Fire and Explosion Hazards:**

None known. Explosion not expected from mechanical impact or static discharge.

**Protective Equipment:**

Use self-contained breathing apparatus and full protective clothing (Bunker Gear).

Unsuitable Extinguishing Media Do not use water jet

## Section 6. Accidental Release Measures

**Personal precautions** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when Ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

**Environmental Precautions** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)

**Large Spills** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

**Small Spills** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and Storage

### Handling

Put on appropriate personal protective equipment (see section 8). Do not eat, drink or smoke when using this product. Workers should wash hands and face before eating, drinking and smoking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure during pregnancy. Do not get in eyes or on skin or clothing. Avoid breathing of dust created by cutting, sanding, grinding or machining. Avoid breathing of vapors or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion. Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Follow US NFPA 30, "Flammable & Combustible Liquids Code", or other national, state and local codes on safe handling of flammable liquids. Train workers in the recognition and prevention of hazards associated with the storage, handling and transfer of flammable liquids in the plant. Empty containers retain product residue and can be hazardous. Do not reuse container.

### Storage

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure Controls/Personal Protection

### Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Inorganic Filler	N/A	N/A	N/A
Glycol Ether(s)	N/A	N/A	N/A
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	N/A	N/A	N/A
Aluminum hydroxide (Al(OH) <sub>3</sub> )	N/A	N/A	N/A
Inorganic Fillers	N/A	N/A	N/A

### Personal Protective Equipment Exposure Guidelines

Goggles, Gloves, Apron, Face Shield, Respirator, CHEMICAL GOGGLES, PROTECTIVE CLOTHING, VENTILATION

COMPONENTS

\*\*\* Copper chromite black spinel \*\*\*

ACGIH TLV (United States, 6/2005)

\* TWA: 0.5 mg/m<sup>3</sup> 8 hour(s). Form: (as chromium (III))

\* TWA: 1 mg/m<sup>3</sup> 8 hour(s). Form: Dusts and mists (As copper)

\* TWA: 0.2 mg/m<sup>3</sup> 8 hour(s). Form: Fume (as copper)

OSHA PEL (United States, 6/2005) \* TWA: 0.5 mg/m<sup>3</sup> 8 hour(s). Form: (as chromium (III))

\* TWA: 1 mg/m<sup>3</sup> 8 hour(s). Form: Dusts and mists (As copper)  
\* TWA: 0.1 mg/m<sup>3</sup> 8 hour(s). Form: Fume (as copper)

\*\*\* Glycol Ether(s) \*\*\*

ACGIH TLV (United States, 2/2010). Absorbed through skin.

\* STEL: 909 mg/m<sup>3</sup> 15 minute(s).

\* STEL: 150 ppm 15 minute(s).

\* TWA: 606 mg/m<sup>3</sup> 8 hour(s).

\* TWA: 100 ppm 8 hour(s).

NIOSH REL (United States, 6/2009). Absorbed through skin.

\* STEL: 900 mg/m<sup>3</sup> 15 minute(s).

\* STEL: 150 ppm 15 minute(s).

\* TWA: 600 mg/m<sup>3</sup> 10 hour(s).

\* TWA: 100 ppm 10 hour(s).

OSHA PEL (United States, 6/2010). Absorbed through skin.

\* TWA: 600 mg/m<sup>3</sup> 8 hour(s).

\* TWA: 100 ppm 8 hour(s).

OSHA PEL 1989 (United States, 3/1989). Absorbed through skin.

\* STEL: 900 mg/m<sup>3</sup> 15 minute(s).

\* STEL: 150 ppm 15 minute(s).

\* TWA: 600 mg/m<sup>3</sup> 8 hour(s).

\* TWA: 100 ppm 8 hour(s).

\*\*\* 2-methoxy-1-methylethyl acetate \*\*\*

AIHA WEEL (United States, 5/2010)

\* TWA: 50 ppm 8 hour(s).

Consult local authorities	Consult local authorities for acceptable exposure limits.
Recommended Monitoring Procedures	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
Engineering Measures	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Hygiene Measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protective Equipment	
Respiratory	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Eye protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicated this is necessary to avoid exposure to liquid splashed, mist or dusts.

Skin Protection	Avoid contact with skin and clothing. Wear suitable protective clothing. Body garments use should be based upon the task being performed (e.g., lab coat, chemical resistant protective suit, synthetic apron, gauntlets) to avoid exposed skin surfaces. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Environmental Exposure Controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid
Color	Black
Odor	Mild
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	436.6 g/l
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	1.47
Pounds per Cubic Foot	N/A
Flash Point	62.78°C (145°F)
FP Method	Closed Cup
pH	N/A
Melting Point	N/A
Boiling Point	176.67°C (350°F)
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**

Other Hazards	Toxic carbon oxides (CO1,CO2) and nitrogen oxides (NO,NO2 ets.)
Hazardous Polymerization	Will not occur

**Section 11. Toxicological Information**



## Acute Toxicity Data

## Products

### Proprietary Polymer

Result: LD50 Dermal ; Species: rabbit ; Dose: >2000 mg/kg

Result: LD50 Oral ; Species: rat ; Dose: >2000 mg/kg

### 2-(2-ethoxyethoxy)ethyl acetate

Result: LD50 Dermal ; Species: rabbit ; Dose: 15000 mg/kg

Result: LD50 Oral ; Species: rat ; Dose: >11000 mg/kg

### Proprietary Resin

Result: LD50 Dermal ; Species: rabbit ; Dose: >7940 mg/kg

Result: LD50 Oral ; Species: rat ; Dose: >7940 mg/kg

### 2-methoxy-1-methylethyl acetate

Result: LD50 Dermal ; Species: rabbit ; Dose: >5 g/kg

Result: LD50 Oral ; Species: rat ; Dose: 8532 mg/kg

## Section 12. Ecological Information

No Data Available

## Section 13. Disposal

### WASTE DISPOSAL METHOD:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Dispose of in accord with local, state and federal regulations

## Section 14. Transport Information

UN Number N/A

UN Proper Shipping Name N/A

DOT Classification N/A

Packing Group N/A

All Regulatory Classification This product is not regulated by CFR, TDG, IMO, IMDG or IATA

## Section 15. Regulatory Information

SARA 302/304	No products were found.
California Prop. 65 Components	WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer. WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause birth defects or other reproductive harm.
Regulatory for Canada	WHMIS (Canada) Class B-3: Combustible liquid with a flash point between 37.8°C (100° F) and 93.3°C (200°F) Class D-2B: Material causing other toxic effects (Toxic)
International Regulations	Canadian Lists: All components are listed or exempted. Chemical Inventories: China inventory (IECSC): All components are listed or exempted. Europe inventory: All components are listed or exempted. Australia inventory (AICS): All components are listed or exempted. Japan inventory (ENCS): All components are listed or exempted. Korea inventory (KECI): All components are listed or exempted. Philippines inventory (PICCS): All components are listed or exempted.
Additional Information	SARA 311/312 Classification : Immediate (acute) health hazard Delayed (chronic) health hazard

## Section 16. Other Information

Revision Date	8/8/2018
HMIS Rating (Not Regulated)	The HMIS Rating for this product is: Health: 3 Flammability: 2 Reactivity: 1  For Information Purposes Only - No Longer Regulated
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 5037-1 Part B

### Section 1. Identification

Product Identifier BOMS 5037-1 Part B  
Synonyms N/A  
Manufacturer Stock Numbers N/A

Recommended use Hardner  
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 ACUTE TOXICITY - DERMAL - Category 3  
ACUTE TOXICITY - DERMAL - Category 4  
ACUTE TOXICITY - INHALATION - Category 3  
ACUTE TOXICITY - INHALATION - Category 4  
ACUTE TOXICITY - ORAL - Category 4  
EYE DAMAGE/IRRITATION - Category 1  
EYE DAMAGE/IRRITATION - Category 2A  
FLAMMABLE LIQUIDS - Category 4  
HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD -  
Category 2

SENSITIZATION - SKIN - Category 1  
SKIN CORROSION/IRRITATION - Category 1A  
SKIN CORROSION/IRRITATION - Category 2

Signal Word

Danger

Pictogram



Hazard Statements

Causes serious eye irritation  
Causes severe skin burns and eye damage  
Harmful if swallowed  
Moderately irritating to skin

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 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 swallowed: Call a poison center/doctor/ ... / if you feel unwell.  
If swallowed: Rinse mouth. Do NOT induce vomiting.  
Immediately call a poison center/doctor/ ...  
Rinse mouth.  
Specific treatment (see ... on this label)  
Wash contaminated clothing before reuse.

Prevention

Do not breathe dust/fume/gas/mist/ vapors/spray.  
Do not eat, drink or smoke when using this product.  
Wash ...thoroughly after handling.  
Wear eye protection/face protection.  
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 %
90-72-2	Phenol, 2,4,6-tris[(dimethylamino)methyl]-	40-50 %
Aliphatic Amine	Aliphatic Amine	20-30 %
Glycol Ether	Glycol Ether	20-30 %

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

## Section 4. First-Aid Measures

### First Aid Measures

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

Skin contact: Remove contaminated clothing and footwear. Wash with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

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

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. If symptoms develop and persist, get medical attention.

Symptoms: See Section 11.

## 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.

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

### Unsuitable Extinguishing Media

N/A

## Section 6. Accidental Release Measures

### Section References

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### Clean-up

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

### Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened

must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Phenol, 2,4,6-tris[(dimethylamino)methyl]-	N/A	N/A	N/A
	Aliphatic Amine	N/A	N/A	N/A
	Glycol Ether	N/A	N/A	N/A

Personal Protective Equipment

Goggles, Gloves, Face Shield

Personal Protection

Engineering controls: Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

Respiratory protection: When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved 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	Amber
Odor	Amine Like
Odor Threshold	none
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

Stability	<p>Stability: Stable at normal conditions.</p> <p>Hazardous reactions: May occur.</p> <p>Hazardous decomposition products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.</p> <p>Incompatible materials: Keep away from strong oxidizing agents, strong Lewis or mineral acids.</p> <p>Reactivity: Not available.</p> <p>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 you plan to use immediately. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.</p>
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## Section 11. Toxicological Information

Toxicology Information	<p>90-72-22,4,6-tris(dimethylaminomethyl)phenol</p> <p>Dermal LD 50 1400 (rabbit) (mg/kg) 1280 (rat) (mg/kg)</p> <p>Oral LD 50 1200 (rabbit) (mg/kg)</p>
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## Section 12. Ecological Information

Ecological Information	<p>Toxicity</p> <p>Aquatic toxicity: No further relevant information available. ·</p> <p>Persistence and degradability No further relevant information available.</p> <p>Behavior in environmental systems:</p> <p>Bioaccumulative potential No further relevant information available.</p> <p>Mobility in soil No further relevant information available.</p> <p>Additional ecological information:</p> <p>General notes: Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized. Danger to drinking water if even small quantities leak into the ground.</p>
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## Section 13. Disposal

## Disposal

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 3267  
UN Proper Shipping Name 3267 Corrosive liquid, basic, organic, n.o.s. (Aliphatic amine)  
DOT Classification 8  
Packing Group III

## Section 15. Regulatory Information

Regulatory Information Safety, health and environmental regulations/legislation specific for the substance or mixture:  
Sara: Section 355 (extremely hazardous substances): None of the ingredients is listed.  
Section 313 (Specific toxic chemical listings): None of the ingredients is listed.  
TSCA (Toxic Substances Control Act): All ingredients are listed.  
Proposition 65: Chemicals known to cause cancer:  
Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.  
Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.  
Chemicals known to cause developmental toxicity: None of the ingredients is listed.  
Carcinogenic categories: EPA (Environmental Protection Agency): None of the ingredients is listed.  
TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed

## Section 16. Other Information

Revision Date 8/8/2018

HMIS Rating (Not Regulated) The HMIS Rating for this product is:  
Health: 3 Flammability: 2 Reactivity: 1

For Information Purposes Only - No Longer Regulated

Additional Information 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.