



# Safety Data Sheet - Gorilla Epoxy - Hardener

Date Revised: 12/9/2016  
Date Issued: 06/12/2015

Version: 1.1

## FOR CHEMICAL EMERGENCY:

During Business Hours: (800) 966-3458 | Outside Business Hours: (800) 420-7186

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Name:** Gorilla Epoxy - Hardener

**Synonyms:** Epoxy Hardener

### Intended Use of the Product

Epoxy

### Name, Address, and Telephone of the Responsible Party

#### **Company**

The Gorilla Glue Company  
2101 E. Kemper Road  
Cincinnati, Ohio 45241  
513-271-3300

[www.gorillatough.com](http://www.gorillatough.com)

### Emergency Telephone Number

**Emergency number** : 1-800-420-7186 (Prosar)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### **Classification (GHS-US)**

Acute Tox. 4 (Oral) H302

Acute Tox. 4 (Dermal) H312

Skin Irrit. 2 H315

Eye Dam. 1 H318

Skin Sens. 1 H317

Repr. 2 H361

Full text of H-phrases: see section 16

### Label Elements

#### **GHS-US Labeling**

#### **Hazard Pictograms (GHS-US)**



GHS05



GHS07



GHS08

#### **Signal Word (GHS-US)**

: Danger

#### **Hazard Statements (GHS-US)**

: H302+H312 - Harmful if swallowed or in contact with skin.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H361 - Suspected of damaging fertility or the unborn child.

#### **Precautionary Statements (GHS-US)**

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing vapors, mist, or spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.  
P302+P352 - If on skin: Wash with plenty of water.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove



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contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P310 - Immediately call a poison center or doctor.  
P330 - Rinse mouth.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

## Other Hazards

Keep away from children and animals.

**Note:** *Gorilla Epoxy* contains isophorondiamine CAS No. 2855-13-2 which, according to Annex 1, Table 3.2.3 of CLP carries the H314: corrosive classification. Product level dermal corrosivity testing for Gorilla Epoxy confirms the product is classified as a skin irritant rather than corrosive. Positive results in a valid and accepted skin corrosion test (Corrositex test) classifies the mixture as Non-corrosive utilizing multiple replicate samples indicating highly reproducible results. As a result, the health hazard and transport classification have been changed to reflect the Epoxy results: UN Non-Corrosive and not a GHS Category 1.

## Unknown Acute Toxicity (GHS-US)

60 - 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

60 - 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

60 - 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Name                   | Product Identifier | % (w/w) | Classification (GHS-US)   |
|------------------------|--------------------|---------|---|
| Isophorone diamine     | (CAS No) 2855-13-2 | 7 - 13  | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412 |
| Bisphenol A            | (CAS No) 80-05-7   | 0.1 - 1 | Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Repr. 2, H361<br>STOT SE 3, H335<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411  |
| Diethylenetriamine     | (CAS No) 111-40-0  | 0.1 - 1 | Not Available   |
| Tetraethylenepentamine | (CAS No) 112-57-2  | 0.1 - 1 | Not Available   |

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** Using proper respiratory protection, immediately move the exposed person to fresh air. Seek medical attention immediately.

**Skin Contact:** Remove contaminated clothing. Gently wash with plenty of soap and water followed by rinsing with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.



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**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Harmful if swallowed. Harmful in contact with skin. Causes serious eye damage. Exposure may produce an allergic reaction. Causes skin irritation. May cause respiratory irritation.

**Inhalation:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

**Skin Contact:** Exposure may produce an allergic reaction. Harmful in contact with skin. Causes skin irritation.

**Eye Contact:** Causes serious eye damage.

**Ingestion:** Harmful if swallowed.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child.

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If medical advice is needed, have product container or label at hand.

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Carbon dioxide, dry powder, and foam. In cases of large scale fires, alcohol-resistant foams are preferred.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

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

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** None known.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Do not allow run-off from fire fighting to enter drains or water courses.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds.

### **Reference to Other Sections**

Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in eyes, on skin, or on clothing.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### **Environmental Precautions**

Prevent entry to sewers and public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Absorb and/or contain spill with inert material, then place in suitable container.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely.

### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.



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## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Store away from incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Specific End Use(s)** Epoxy

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

| Bisphenol A (80-05-7)         |                                   |                                     |
|-------------------------------|-----------------------------------|-------------------------------------|
| Yukon                         | OEL Ceiling (mg/m <sup>3</sup> )  | 2.8 mg/m <sup>3</sup>               |
| Yukon                         | OEL Ceiling (ppm)                 | 0.05 ppm                            |
| Diethylenetriamine (111-40-0) |                                   |                                     |
| United States                 | ACGIH TLV (absorbed through skin) | 4.2 mg/m <sup>3</sup> , 8 hours TWA |
| United States                 | ACGIH TLV (absorbed through skin) | 1 ppm, 8 hours TWA                  |

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide sufficient ventilation to keep vapors below permissible exposure limit. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective clothing. Safety glasses. Gloves. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** When effective engineering controls are not feasible, appropriate respirators shall be used. Personal Protective Equipment must be selected by trained personnel, taking into account the type of hazardous materials it should protect from, the nature of the work, the expected exposure, and the facial characteristics of the wearers; proper fit is of paramount importance. Ensure the respiratory protection program meets the requirements of OSHA 29 CFR 1910.134.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|                  |                  |
|------------------|------------------|
| Physical State   | : Liquid         |
| Appearance       | : Amber          |
| Odor             | : Not available  |
| Odor Threshold   | : Not available  |
| pH               | : Not applicable |
| Evaporation Rate | : Not available  |



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|   |   |
|---|---|
| Melting Point                                     | : Not available   |
| Freezing Point                                    | : Not available   |
| Boiling Point                                     | : Not available   |
| Flash Point                                       | : > 93 °C Closed Cup (199.40 °F)  |
| Auto-ignition Temperature                         | : Not available   |
| Decomposition Temperature                         | : Not available   |
| Flammability (solid, gas)                         | : Not available   |
| Lower Flammable Limit                             | : Not available   |
| Upper Flammable Limit                             | : Not available   |
| Vapor Pressure                                    | : Not available   |
| Relative Vapor Density at 20 °C                   | : Not available   |
| Relative Density                                  | : 1.12  |
| Specific Gravity                                  | : 1.12  |
| Solubility  | : Insoluble in water.   |
| Partition Coefficient: N-Octanol/Water            | : Not available   |
| Viscosity   | : Not available   |
| Explosion Data – Sensitivity to Mechanical Impact | : Not expected to present an explosion hazard due to mechanical impact. |
| Explosion Data – Sensitivity to Static Discharge  | : Not expected to present an explosion hazard due to static discharge.  |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** None known.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Oral: Harmful if swallowed. ATE (oral): 1,812 mg/kg

**Skin Corrosion/Irritation:** Causes skin irritation.

*Gorilla Epoxy* contains isophorondiamine CAS No. 2855-13-2 which, according to Annex 1, Table 3.2.3 of CLP carries the H314: corrosive classification. Product level dermal corrosivity testing for Gorilla Epoxy confirms the product is classified as a skin irritant rather than corrosive. Positive results in a valid and accepted skin corrosion test (Corrositex test) classifies the mixture as Non-corrosive utilizing multiple replicate samples indicating highly reproducible results. As a result, the health hazard and transport classification have been changed to reflect the Epoxy results: UN Non-Corrosive and not a GHS Category 1.

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.





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**Symptoms/Injuries After Skin Contact:** Exposure may produce an allergic reaction. Harmful in contact with skin. Causes skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage.

**Symptoms/Injuries After Ingestion:** Harmful if swallowed.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child.

## Information on Toxicological Effects - Ingredient(s)

### LD50 and LC50 Data:

| Isophorone diamine (2855-13-2) |                    |
|--------------------------------|--------------------|
| LD50 Oral Rat                  | 1030 mg/kg         |
| Bisphenol A (80-05-7)          |                    |
| LD50 Oral Rat                  | 2000 to 5000 mg/kg |
| LD50 Dermal Rabbit             | 6400 mg/kg         |
| LC50 Inhalation Rat            | > 170 mg/m3        |

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** Not classified

| Isophorone diamine (2855-13-2) |  |
|--------------------------------|--|
| EC50 Daphnia 1                 | 14.6 - 21.5 mg/l (Exposure time: 48 h - Species: Daphnia magna [semi-static])            |
| Bisphenol A (80-05-7)          |  |
| LC50 Fish 1                    | 3.6 (3.6 - 5.4) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1                 | 10.2 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                 |
| LC 50 Fish 2                   | 4.0 - 5.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])             |
| EC50 Daphnia 2                 | 3.9 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                  |

**Persistence and Degradability** Not available

### Bioaccumulative Potential

| Isophorone diamine (2855-13-2) |                 |
|--------------------------------|-----------------|
| Log Pow                        | 0.79 (at 23 °C) |
| Bisphenol A (80-05-7)          |                 |
| BCF Fish 1                     | 5.1 - 13.8      |
| Log Pow                        | 2.2             |

**Mobility in Soil** Not available

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Sewage Disposal Recommendations:** Do not dispose of waste into sewer.

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

## SECTION 14: TRANSPORT INFORMATION

**In Accordance with DOT** Not regulated for transport

**In Accordance with IMDG** Not regulated for transport

**In Accordance with IATA** Not regulated for transport

**In Accordance with TDG** Not regulated for transport

In quantities not to exceed 5kg/5L per single or inner packaging, marine pollutants are not subject to regulation by ground, air, or vessel. See 49 CFR 171.4(c)(2), IATA DGR Special Provision A197, and IMDG Code 2.10.2.7.



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## SECTION 15: REGULATORY INFORMATION


### US Federal Regulations

|   |  |
|---|--|
| <b>Gorilla Epoxy - Hardener</b>   |  |
| <b>SARA Section 311/312 Hazard Classes</b>  | Immediate (acute) health hazard<br>Delayed (chronic) health hazard                     |
| <b>Isophorone diamine (2855-13-2)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>Bisphenol A (80-05-7)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Listed on United States SARA Section 313 |  |
| <b>EPA TSCA Regulatory Flag</b>   | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |
| <b>SARA Section 313 - Emission Reporting</b>  | 1.0 %  |

### US State Regulations

|   |  |
|---|--|
| <b>Gorilla Epoxy - Hardener</b>   |  |
| California Prop 65: To the best of our knowledge, this product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute. |  |
| <b>Isophorone diamine (2855-13-2)</b>   |  |
| U.S. - New Jersey - Right to Know Hazardous Substance List  |  |
| <b>Bisphenol A (80-05-7)</b>  |  |
| U.S. - Massachusetts - Right To Know List<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List<br>U.S. - Pennsylvania - RTK (Right to Know) List                  |  |

### Canadian Regulations

|  |   |
|--|---|
| <b>Gorilla Epoxy - Hardener</b>  |   |
| WHMIS Classification   | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|                               |   |
| <b>Isophorone diamine (2855-13-2)</b>  |   |
| Listed on the Canadian DSL (Domestic Substances List)<br>Listed on the Canadian IDL (Ingredient Disclosure List) |   |
| IDL Concentration 1 %  |   |
| WHMIS Classification   | Class D Division 2 Subdivision B - Toxic material causing other toxic effects<br>Class E - Corrosive Material   |
| <b>Bisphenol A (80-05-7)</b>   |   |
| Listed on the Canadian DSL (Domestic Substances List)<br>Listed on the Canadian IDL (Ingredient Disclosure List) |   |
| IDL Concentration 1 %  |   |
| WHMIS Classification   | Class D Division 2 Subdivision A - Very toxic material causing other toxic effects<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |



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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 03/22/2017  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

|                       |  |
|-----------------------|--|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4                               |
| Acute Tox. 4 (Oral)   | Acute toxicity (oral) Category 4                                 |
| Aquatic Acute 2       | Hazardous to the aquatic environment - Acute Hazard Category 2   |
| Aquatic Acute 3       | Hazardous to the aquatic environment - Acute Hazard Category 3   |
| Aquatic Chronic 2     | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3     | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Eye Dam. 1            | Serious eye damage/eye irritation Category 1                     |
| Repr. 2               | Reproductive toxicity Category 2                                 |
| Skin Corr. 1B         | Skin corrosion/irritation Category 1B                            |
| Skin Irrit. 2         | Skin corrosion/irritation Category 2                             |
| Skin Sens. 1          | Skin sensitization Category 1                                    |
| STOT SE 3             | Specific target organ toxicity (single exposure) Category 3      |
| H302                  | Harmful if swallowed   |
| H312                  | Harmful in contact with skin                                     |
| H314                  | Causes severe skin burns and eye damage                          |
| H315                  | Causes skin irritation   |
| H317                  | May cause an allergic skin reaction                              |
| H318                  | Causes serious eye damage  |
| H335                  | May cause respiratory irritation                                 |
| H361                  | Suspected of damaging fertility or the unborn child              |
| H401                  | Toxic to aquatic life  |
| H402                  | Harmful to aquatic life  |
| H411                  | Toxic to aquatic life with long lasting effects                  |
| H412                  | Harmful to aquatic life with long lasting effects                |

### Party Responsible for the Preparation of This Document

The Gorilla Glue Company  
+1 513-271-3300

*The information presented in this Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user's information and consideration only. Any use of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.*

North America GHS US 2012 & WHMIS 2 GG





# SAFETY DATA SHEET – Gorilla Epoxy Resin

Date Revised: April 24, 2015 1<sup>st</sup> Edition

## FOR CHEMICAL EMERGENCY:

During Business Hours: (800) 966-3458 | Outside Business Hours: (800) 420-7186

## 1. IDENTIFICATION OF THE PRODUCT

|                                   |  |
|-----------------------------------|--|
| <b>Product Name</b>               | Gorilla Epoxy Resin  |
| <b>Use</b>                        | Epoxy Resin  |
| <b>Distributor</b>                | The Gorilla Glue Company<br>4550 Red Bank Expressway<br>Cincinnati, OH 45227<br>Tel: (513) 271-3300<br>Fax: (513) 527-3742 |
| <b>Emergency Telephone Number</b> | 1-800-420-7186 (Prosar)  |

## 2. HAZARDS IDENTIFICATION

### GHS Classification

|                     |             |
|---------------------|-------------|
| Skin Irritant:      | Category 2  |
| Eye irritation:     | Category 2A |
| Skin sensitization: | Category 1  |
| Aquatic Chronic     | Category 2  |

### GHS Labeling



Hazardous Symbols:

Signal Word: Warning

Hazardous Statements: Causes skin irritation.  
Causes serious eye irritation.  
Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention: Avoid breathing mist, vapors or spray.  
Avoid release to the environment.  
Wash skin and face thoroughly after handling.  
Wear protective gloves, protective clothing and eye protection.

Response: IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a doctor or emergency medical facility if you feel unwell.



# SAFETY DATA SHEET – Gorilla Epoxy Resin

Date Revised: April 24, 2015 1<sup>st</sup> Edition

## FOR CHEMICAL EMERGENCY:

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- Storage: Store in a well-ventilated place.
- Disposal: Dispose of contents and container in accordance with existing federal, state, and local environmental control laws.
- Other Hazards: Contains epoxy constituents. May produce an allergic reaction.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component               | CAS #      | Concentration | Classification   |
|-------------------------|------------|---------------|--|
| Bisphenol A Epoxy Resin | 25068-38-6 | 60-100%       | Skin irrit. Cat 2<br>Eye irrit. Cat 2A<br>Skin sens Cat 1<br>Aquatic Chronic Cat 2 |

### 4. FIRST AID MEASURES

- Eyes** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
- Skin** Remove contaminated clothes immediately. Wash skin with plenty of water and soap. Consult a doctor or call a POISON CENTER if you feel unwell. Wash contaminated clothing before reuse.
- Ingestion** Product is not intended to be ingested or eaten. Do not induce vomiting. Call a doctor or POISON CENTER for assistance immediately.
- Inhalation** Remove person to fresh air. Seek medical attention if symptoms persist.
- Advice to Physicians** Treat symptomatically.

### 5. FIRE- FIGHTING MEASURES

#### Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide, dry powder, and foam. Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media: High volume water jet.

#### Special Hazards Arising from the Substance or Mixture

Fire Hazard: Not Flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Reacts with Epoxy Hardener, forming heat.

#### Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting instructions: Do not allow run off to enter drains or water courses.

Protection during Fire Fighting: Wear proper protective equipment including respiratory protection.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide

Reference to other sections: See Section 9 – Flammability properties



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## 6. ACCIDENTAL RELEASE MEASURES

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

Wear appropriate protective clothing. Do not get in eyes, on skin or on clothing.

### Environmental Precautions

Prevent the material from entering drains or watercourses.

### Methods for Containment and Clean-up

Pick up and transfer into suitable container for recovery or disposal.

## 7. HANDLING AND STORAGE

### Precaution for Safe Handling

Handle in accordance with good industrial hygiene and safety procedures. Use with adequate ventilation. Wash hands and exposed areas with mild soap and water before eating, drinking, or smoking.

### Conditions for Safe Storage

Keep out of reach of children and animals. Storage area should be: - cool - dry - well ventilated – out of direct sunlight - away from incompatible materials

Incompatible Materials: Strong Acids, Strong bases, Strong oxidizers

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Standards

Any component listed in Section 3 that is not listed in this section does not have a known US ACGIH TLV, or OSHA PEL.

### Engineering Control Measures

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide sufficient ventilation to keep vapors below permissible exposure limits. Ensure all national / local regulations are observed.

### Personal Protective Measures

Respiratory Protection: Use a NIOSH- approved respirator or a self-contained breathing apparatus whenever exposure levels exceed the Occupational Exposure Limits.

Skin / Body Protection: Wear suitable protective clothing.

Eye / Face Protection: Wear safety glasses / goggles.

Hand Protection: Wear chemical resistant gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                       |                    |                                   |                   |
|-----------------------|--------------------|-----------------------------------|-------------------|
| <b>Physical State</b> | Liquid             |                                   |                   |
| <b>Color</b>          | Translucent, Clear | <b>pH</b>                         | Not applicable    |
| <b>Odor</b>           | No data availabel  | <b>Density (g/cm<sup>3</sup>)</b> | No data available |



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|   |                   |                                  |                   |
|---|-------------------|----------------------------------|-------------------|
| <b>Odor Threshold</b>                             | No data available | <b>Specific Gravity</b>          | No data available |
| <b>Boiling Range/Point (°C/F)</b>                 | No data available | <b>Melting Point (°C/F)</b>      | No data available |
| <b>Flash Point (PMCC) (°C/F)</b>                  | >93°C (> 199.4°F) | <b>Vapor Pressure</b>            | No data available |
| <b>Evaporation Rate (BuAc=1)</b>                  | No data available | <b>Solubility in Water</b>       | No data available |
| <b>Vapor Density (Air = 1)</b>                    | No data available | <b>Viscosity</b>                 | No data available |
| <b>VOC (g/l)</b>                                  | No data available | <b>Auto-Ignition Temperature</b> | No data available |
| <b>VOC (%)</b>                                    | No data available | <b>Decomposition Temperature</b> | No data available |
| <b>Partition Coefficient</b><br>(n-octanol/water) | No data available | <b>Upper Explosive Limit</b>     | No data available |
| <b>Flammability</b> (solid / gas)                 | Not applicable    | <b>Lower Explosive Limit</b>     | No data available |

## 10. STABILITY AND REACTIVITY

### Reactivity

Reacts with Epoxy Hardener, forming heat.

### Chemical Stability

Stable under normal conditions of use and storage.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Direct Sunlight – high and low temperatures – contact with incompatible materials

### Incompatible Materials

Acids – bases – strong oxidizers

### Hazardous Decomposition Products

Oxides of carbon

## 11. TOXICOLOGICAL INFORMATION

### Product

#### Acute Toxicity

Not classified.

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

Not classified

#### Serious Eye damage / Eye Irritation

Causes serious eye irritation.

#### Skin Corrosion/Irritation

Causes skin irritant.

#### Respiratory or Skin Sensitization

May cause an allergic skin reaction.



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### **Carcinogenicity**

Not classified.

### **Reproductive Toxicity**

Not classified.

### **Germ Cell Mutagenicity**

Not classified.

### **Aspiration Hazard**

Not classified.

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

General – Toxic to aquatic life with long lasting effects

### **Persistence/Degradability**

No relevant studies identified.

### **Mobility in Soil**

No relevant studies identified.

### **Bio-accumulation Potential**

Not expected to bioaccumulate

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

**DOT** : Environmentally hazardous substance, liquid, n.o.s. (BISPHENOL A EPOXY RESIN) Marine pollutant  
UN3082 Class 9 PG\* III

**TDG** :Environmentally hazardous substance, liquid, n.o.s. (BISPHENOL A EPOXY RESIN) Marine pollutant  
UN3082 Class 9 PG\* III

**IMDG** :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A EPOXY RESIN) Marine pollutant UN3082 Class 9 PG\* III

**IATA** :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A EPOXY RESIN) Marine pollutant UN3082 Class 9 PG\* III

## 15. REGULATORY INFORMATION

### **US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS**

#### **TSCA Listing**

All components of this product are in compliance with the inventory listing requirements of the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

#### **SARA Title III Sect. 311/312 Categorization**

Immediate Acute Health Hazard

#### **State Right-To-Know Information**

Neither this product or its ingredients are listed in a US States List.





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## 16. OTHER INFORMATION

### Abbreviations

CAS#: Chemical Abstracts Service Number

Irrit.: Irritant

RTK – Right to Know

Sens: Sensitizer

The information presented in this Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user's information and consideration only. Any use or disposal of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.