



Safety Data Sheet – Citric Acid Anhydrous

Date Revised: NEW
Date Issued: 08/30/204

Version: 1.0

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 and according to the Hazardous Products Regulation (February 11, 2015).

SECTION 1: Identification

1.1. Identification

Product form : Solid
Product name : Gorilla Citric Acid Anhydrous

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Floor etcher

1.3. Supplier

The Gorilla Glue Company
2101 E. Kemper Road
Sharonville, OH 45241
513-271-3300
www.gorillatough.com

1.4. Emergency telephone number

Emergency number : 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified under any hazard class

2.2. GHS Label elements, including precautionary statements

Classification of the Substance or Mixture

Classification (GHS-US)

Eye Irrit. 2A H319
STOT SE 3 H335

Full text of H-phrases: see section 16

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Warning

Hazard Statements (GHS-US)

: H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

Precautionary Statements (GHS-US)

: P261 Avoid breathing dust
P280 - Wear protective gloves, protective clothing, and eye protection.
P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention
P312 - Call a poison center or doctor if you feel unwell.



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Other Hazards

None known.

Unknown Acute Toxicity (GHS-US) Not available

2.3. Other hazards which do not result in classification

No additional information available.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Citric acid	77-92-9	100

SECTION 4: First-aid measures

4.1. Description of first aid measures

- | | |
|---------------------------------------|---|
| First-aid measures general | : Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended. |
| First-aid measures after inhalation | : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician. |
| First-aid measures after skin contact | : In case of contact, immediately flush skin with plenty of water. Get medical attention if symptoms occur. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention if eye irritation persists. |
| First-aid measures after ingestion | : Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. |

4.2. Most important symptoms and effects (acute and delayed)

- | | |
|---------------------------------|--|
| Most important symptoms/effects | : Causes serious eye irritation. Irritant effects. May cause respirator irritation. Wear personal protective equipment. Treat symptomatically. |
|---------------------------------|--|

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- | | |
|--------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | : High volume water jet. |

5.2. Specific hazards arising from the chemical

Exposure to decomposition products may be a hazard to health. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

5.3. Special protective equipment and precautions for fire-fighters

- | | |
|--------------------------------|---|
| Firefighting instructions | : Standard procedure for chemical fires. Use existing measures that are appropriate to local circumstances and the surrounding environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Do not breathe dust. Avoid dust formation. Avoid breathing dust. Avoid contact with skin and eyes.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if material enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Neutralize with chalk, alkali solution or ammonia. Keep in a suitable, closed container for disposal.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid formation of respirable particles. Do not breath vapors/dust. Avoid exposure – obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed in a dry and well-ventilated place. Electrical installations/working materials must comply with the technological safety standards. Keep in a dry place.
Incompatible products : Incompatible with strong bases and oxidizing agents.
Incompatible materials : None known

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Non-hazardous mixture

Not applicable

8.2. Appropriate engineering controls

Minimize exposure by partial enclosure of the operation or equipment and provide extract ventilation at openings. Use care during processing to minimize generation of dust. Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves (wear gloves suitable to chemical penetration).



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Eye protection:

Chemical goggles or safety glasses. Wear face-shield and protective suit for abnormal processing problems.

Respiratory protection:

Not required under normal conditions. If concentrations exceed exposure limits, use NIOSH approved respirator.

Other information:

Do not eat, drink or smoke during use. Wash hands before breaks and at the end of the day.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Crystalline
Color	: White
Odor	: Mild to odorless
Odor threshold	: Not relevant
pH	: 1.8 (in water)
Melting point / freezing point	: 307° F (153° C)
Boiling point	: Decomposes below the boiling point
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: 0.0002 hPa (77° F / 25° C)
Relative vapor density at 20 °C	: No data available
Relative density	: 1.665 (68° F / 20° C)
Solubility	: Ca, 1,450 g/l (68° F / 20° C)
Log Pow	: -1.8 – 0.2
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Dust explosion class	: St1
Particle size	: Ca. 0.2 – 1.25 mm

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored as applied as directed.

10.2. Chemical stability

No decomposition if stored as applied as directed.



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10.3. Possibility of hazardous reactions

No decomposition if stored as applied as directed. Dust may form explosive mixture in air.

10.4. Conditions to avoid

Avoid dust formation.

10.5. Incompatible materials

Strong bases. Oxidizing agents.

10.6. Hazardous decomposition products

Build-up of dangerous/toxic fumes possible in cases of fire/hire temperature. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Citric Acid	
Acute oral toxicity	LOSO Oral (Mouse): 5,400 mg/kg Method: OECD Test Guideline 401 Assessment: The substance or mixture has no acute oral toxicity
Acute inhalation toxicity	(Guinea pig): ca. 75 mg/l Exposure time: 3 min Test atmosphere: dust/mist Target Organs: Respiratory Tract Symptoms: Cough
Acute dermal toxicity	LOSO Dermal (Rat): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity
Species/Method/Result	Rabbit OECD Test Guideline 404 No skin irritation Rabbit Eye irritation OECD Test Guideline 405

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

Citric Acid	
Genotoxicity in vitro	Test Type: reverse mutation assay Test system: Salmonella typhimurium Concentration: 0 - 5000 µg/plate Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay) Result: negative Test Type: Micronucleus test Test system: Human lymphocytes Concentration: 50, 100, 200, 3000 µg/ml Method: Mutagenicity (in vitro mammalian cytogenetic test) Result: positive
Genotoxicity in vivo	Test Type: Chromosomal aberration Species: Rat Cell type: Bone marrow Application Route: Oral Dose: 0,3 mg/kg bw Method: OECD Test Guideline 475 Result: negative



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Specific target organ toxicity – single exposure : May cause respiratory irritation

Citric Acid

Exposure routes	Inhalation
Target Organs	Respiratory Tract
Assessment	The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation

Specific target organ toxicity – repeated exposure : Not classified

Citric Acid

NOAEL	4,000 mg/kg
LOAEL	8,000 mg/kg
Application Route	Oral
Exposure time	10 d
Dose	2, 4, 8, 16 g/kg bw/day

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Citric acid

Toxicity to fish	LC50 (Leuciscus idus (Golden orfe)): 440 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 203
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Citric acid

Toxicity to daphnia and other aquatic invertebrates	LC50 (Daphnia magna (Water flea)): 1,535 mg/l Exposure time: 24 h Test Type: static test Method: OECD Test Guideline 202
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Citric acid

Toxicity to algae/aquatic plants	NOEC (Scenedesmus quadricauda (Green algae)): 425 mg/l Exposure time: 8 d Test Type: static test
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Citric acid

Toxicity to microorganisms	TT (Pseudomonas putida): > 10,000 mg/l Exposure time: 16 h
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12.2. Persistence and degradability

Citric acid

Biodegradability	Biodegradation: 97 % Exposure time: 28 d Method: OECD Test Guideline 301B Remarks: Readily biodegradable
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12.3. Bioaccumulative potential

Citric Acid

Bioaccumulative potential	Remarks: The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected. Low pog: -1.8 - -0.2
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12.4. Mobility in soil

Readily biodegradable.



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12.5. Other adverse effects

Other information : Regulation: 40 CFR Protection of Environment: Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment. Do not dispose of water into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

TDG

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Citric acid

Listed on the United States TSCA (Toxic Substances Control Act) inventory or are exempt

15.2. International regulations

CANADA

Not classified in any hazard class of WHWIS

EU-Regulations

Not known

National regulations

Not classified

15.3. US State regulations

No additional information available



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SECTION 16: Other information

Other information : None.

Full text of H-phrases:

none	none
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SDS US (GHS HazCom 2012)

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.



Safety Data Sheet – Gorilla Glue Garage Floor Epoxy – Part A

Date Revised: NEW
Date of Issue: 09/04/2024

Version: 1.0

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 and
According to The Hazardous Products Regulation (February 11, 2015).

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Gorilla Glue Part A
epoxy

Intended Use of the Product

Floor coating epoxy

Name, Address, and Telephone of the Responsible Party

Company

The Gorilla Glue Company

2101 East Kemper Road

Cincinnati, Ohio 45241

513-271-3300

www.gorillatough.com

Emergency Telephone Number

Emergency Number : +1 703-741-5970 (Chemtrec)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS-US/CA Classification

Acute toxicity – inhalation (dusts/mists)	:	Category 4
Skin corrosion/irritation	:	Category 2
Serious eye damage/eye irritation	:	Category 2
Skin sensitization	:	Category 1

Full text of hazard classes and H-statements : see section 16

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :



Signal Word (GHS-US/CA) :

Warning

Hazard Statements (GHS-US/CA) :

H315 – Causes skin irritation

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H332 – Harmful if inhaled

Precautionary Statements (GHS-US/CA) :

P261 - Avoid breathing vapors, mist, or spray.

P271 – Use only outdoors or in a well-ventilated area

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P280 - Wear protective gloves, protective clothing, and eye protection.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

Other hazards

May be harmful if swallowed. Toxic to aquatic life with long lasting effects.

Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% *
Bisphenol A diglycidyl ether resin	(CAS No) 25068-38-6	50 – 80
benzyl alcohol	(CAS No) 100-51-6	10 – 20
Trade secret	Proprietary	1 – 5

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume-by-volume percentage (v/v%). The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

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 where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Wash skin with soap and water. Obtain medical attention if irritation develops or persists.

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: Clean mouth with water and drink afterwards plenty of water.

Most Important Symptoms and Effects Both Acute and Delayed

Symptoms: none available

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand. Note to physicians, treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective, but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid. Application of water stream to hot product may cause frothing and increase fire intensity.

Special Hazards Arising from the Substance or Mixture

None known.

Advice for Firefighters

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

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

Other Information: Do not allow run-off from firefighting to enter drains or water courses. Exposure to fire may cause containers to rupture.

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: Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation, especially in confined areas.

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. 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. Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, and spray. Avoid contact with skin, eyes and clothing. Take precautionary measures against static discharge.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed.

Incompatible Materials: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Materials for Protective Clothing: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical safety goggles or glasses

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Environmental Exposure Controls: Avoid release to the environment.

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	: Solid
Appearance	: Clear
Odor	: Slight Chemical Smell
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not available
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	: 1.16 g/cc
Specific Gravity	: Not available
Solubility	: Not available
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: 950 cps @ 25° C

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures.

Incompatible Materials: No data available.

Hazardous Decomposition Products: No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.

Ingestion

No data available.

Chemical name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
Bisphenol A diglycidyl ether resin 25068-38-6	= 11400 mg/kg (Rat)	-	-
benzyl alcohol 100-51-6	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	> 4178 mg/m ³ (Rat) 4 h
Trade secret	= 4500 mg/kg (Rat)	> 2000 mg/kg (Rat)	-

Information on toxicological effects

N/A.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	N/A.
Germ cell mutagenicity	N/A.
Carcinogenicity	N/A.
Reproductive toxicity	N/A.
STOT - single exposure	N/A.
STOT - repeated exposure	N/A.
Aspiration hazard	N/A.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document ATEmix (oral)

	4,301.00 mg/kg
ATEmix (dermal)	18,009.80 mg/kg mg/l
ATEmix (inhalation-dust/mist)	4.18 mg/l

SECTION 12: ECOLOGICAL INFORMATION**Toxicity**

Ecology - General: Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Crustacea
benzyl alcohol 100-51-6		10: 96 h Lepomis macrochirus mg/L LC50 static 460: 96 h Pimephales promelas mg/L LC50 static	23: 48 h water flea mg/L EC50

Persistence and degradability

Chemical name	Partition coefficient
benzyl alcohol 100-51-6	1.1

Mobility in Soil Not available**Other Adverse Effects**

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations

Additional Information: Do not reuse container.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

Not regulated for transport

IATA

UN/ID no. 3082
Hazard Class 9
Packing Group III

IMDG

UN/ID no. 3082
Hazard Class 9
Packing Group III

SECTION 15: REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
benzyl alcohol 100-51-6		X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

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

Revision Date : NEW
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR).

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.

NA GHS SDS 2015 (US, Can, Mex)



Safety Data Sheet – Gorilla Glue Garage Floor Epoxy – Part B

Date Revised: 01/13/2024
Date of Issue: 09/04/2024

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 and
According to The Hazardous Products Regulation (February 11, 2015).

Section 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Gorilla Glue Part B epoxy

Intended Use of the Product

Floor coating epoxy (two part)

Name, Address, and Telephone of the Responsible Party

The Gorilla Glue Company

2101 East Kemper Road

Cincinnati, Ohio 45241

513-271-3300

www.gorillatough.com

Emergency Telephone Number

Emergency Number : +1 703-741-5970 (Chemtrec)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS-US/CA Classification

Acute toxicity – Oral	:	Category 4
Skin corrosion/irritation	:	Category 1 sub-category B
Skin Sensitizer	:	Category 1 sub-category B
Eye Damage	:	Category 1
Reproductive Toxicity	:	Category 2
STOT RE	:	Category 2

Full text of hazard classes and H-statements: see section 16

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)



Signal Word (GHS-US/CA)	:	Danger
Hazard Statements (GHS-US/CA)	:	H301 – Toxic if swallowed
		H302 – Harmful if swallowed
		H314 – Causes severe skin burns and eye damage
		H317 – May cause an allergic skin reaction
		H318 – Causes serious eye damage
		H319 – Causes serious eye irritation
		H332 – Harmful if inhaled
		H361 – Suspected of damaging fertility or the unborn child



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Precautionary Statements (GHS-US/CA):

H373 – May cause damage to organs through prolonged or repeated exposure: Kidneys, Respiratory tract.
P101 – If medical advice is needed, have product container or label at hand.
P102 – Keep out of reach of children.
P201 – Obtain special instructions before use
P202 – Do not handle until all safety precautions have been read and understood
P260 – Do not breathe vapor
P264 – Wash hands and exposed skin 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/ eye protection/ face protection.
P301+P312 – IF SWALLOWED: call a POISON CENTER/doctor if you feel unwell
P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352 – IF ON SKIN: Wash with plenty of water
P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove 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/doctor
P314 – Get medical advice/attention if you feel unwell
P321 – Specific treatment (See Medical Advice on this label)
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
P363 – Wash contaminated clothing before reuse
P405 – Store locked up
P501 – dispose of contents/containers to an approved waste disposal plant.

Other hazards

May be harmful in contact with skin, very toxic to aquatic life with long lasting effects. Very toxic to aquatic life. This product contains (CAS 84852-15-3) (Endocrine disrupting properties).

Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% *
Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia	CAS No. 9046-10-0	10 – 20
4-nonylphenol, branched	CAS No. 84852-15-3	5 – 10



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Benzyl alcohol	CAS No. 100-51-6	5 – 10
Formaldehyde, polymer with benzenamine, hydrogenated	CAS No. 135108-88-2	5 – 10
N-(3-(trimethoxysilyl)propyl)ethylenediamine	CAS No. 1760-24-3	1 – 3

Full text of H-phrases: see section 16

*Percentages are listed in weight-by-weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume-by-volume percentage (v/v%). The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

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 where possible).

Inhalation: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact: take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice/attention.

Eye Contact: Rinse cautiously with water for several minutes (minimum 15 minutes). Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.

Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention.

Most Important Symptoms and Effects Both Acute and Delayed Symptoms: Skin/Eye contact: Redness, Irritation, Pain. Causes severe skin burns and eye damage. May cause an allergic reaction. Harmful if swallowed.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand. Note to physicians, treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: As appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

Special Hazards Arising from the Substance or Mixture

Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide

Advice for Firefighters

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

Firefighting Instructions: Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Dike fire control water for later disposal.

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

Other Information: Do not allow run-off from firefighting to enter drains or water courses. Exposure to fire may cause containers to rupture.



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According to The Hazardous Products Regulation (February 11, 2015).

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: Provide adequate ventilation. Do not breath vapor. Wear appropriate personal protective equipment, avoid direct contact.

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. 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. Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Provide adequate ventilation. Do not breath vapor. Contaminated work clothing must not be allowed out of the workplace. Wash hands and exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product.

If medical advice is needed, have the product container or label at hand. Keep out of reach of children.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store locked up. Keep only in the original container in a cool, well-ventilated place. Recommended storage temperature 59 – 86° F (15 – 30° C). Stable under normal conditions.

Incompatible Materials: 4-nonylphenol, branched: Strong acids, Strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational exposure Limits

Substance	CAS No.	LTEL (8hr TWA PPM)	Note
Benzyl Alcohol	100-51-6	10	AIHA

AIHA – American Industrial Hygiene Association (AIHA) Workplace Environmental Exposure Level (WEEL), 2024

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are



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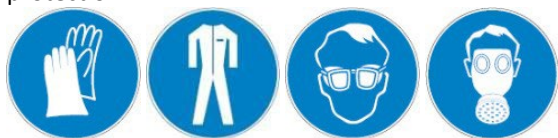
FOR CHEMICAL EMERGENCY:

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 and
According to The Hazardous Products Regulation (February 11, 2015).

observed.

Materials for Protective Clothing: Gloves. Protective clothing. Eye protection. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves. (Impervious gloves)

Material	Breakthrough time	Glove thickness
Butyl-rubber	> 8 hours	-
Nitrile rubber	> 480 minutes	0.85 mm
PVC	230 minutes	-

Note: Reaction products of di-, tri-, and tetra-propoxylated propane- 1,2-diol with ammonia

Eye Protection: Wear eye protection with side protection.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Environmental Exposure Controls: Avoid release to the environment.

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	: Gray
Odor	: Amine odor
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: 575.6° F (302° C) [4-nonylphenol, branched]
Flash Point	: 309.2° F (154° C) [4-nonylphenol, branched]
Auto-ignition Temperature	: 701.6° F (372° C) [4-nonylphenol, branched]
Decomposition Temperature	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20°C	: Not available
Density and/or relative density	: 11.5 – 12.1 lbs./gal (1378 – 1450 kg/m ³)
Specific Gravity	: Not available
Solubility	: Insoluble
Partition Coefficient: N-Octanol/Water	: Not available



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According to The Hazardous Products Regulation (February 11, 2015).

Viscosity : 2750 – 3050 (VISC RVT #6 @ 20 RPM 25C)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: No hazardous reactions known if used for its intended purpose.

Conditions to Avoid: None anticipated.

Incompatible Materials: 4-nonylphenol, branched: Strong acids, Strong bases.

Hazardous Decomposition Products: No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Acute toxicity – Ingestion:	Harmful if swallowed. Calculated acute toxicity estimate (ATE) Calc ATE - 1127.14
Acute toxicity - Skin Contact:	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 3000000
Acute toxicity – Inhalation:	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 894.31
Skin corrosion/irritation:	Causes severe skin burns. 4-nonylphenol, branched: Nonylphenol is corrosive to the skin (Category 1B) based on the induction of necrosis after 60 min exposure.
Serious eye damage/irritation:	Causes serious eye damage. 4-nonylphenol, branched: Corrosive to rabbit eyes (OECD 405).
Skin sensitization data:	May cause an allergic skin reaction. N-(3-(trimethoxysilyl)propyl)ethylenediamine: Sensitization (guinea pig) - Positive (OECD 406).
Respiratory sensitization data:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Suspected of damaging fertility or the unborn child. 4-nonylphenol, branched: No observed adverse effect level (NOAEL): 150 mg/kg bw/day (Oral; Effects on fertility).
Lactation:	Not classified.
STOT - single exposure:	Not classified.
STOT - repeated exposure:	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	This product contains: >1% Formaldehyde, polymer with benzenamine, hydrogenated (May cause damage to Kidneys through prolonged or repeated exposure if swallowed) and >1% N-(3-(trimethoxysilyl)propyl)ethylenediamine (May cause damage to Respiratory tract through prolonged or repeated exposure by inhalation). Not classified.



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According to The Hazardous Products Regulation (February 11, 2015).

Other information

UN List of Identified Endocrine Disrupting Chemicals: CAS No. 84852-15-3

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology – Very toxic to aquatic life with long lasting effects.

4-nonylphenol branched (CAS No. 84852-15-3)	
Toxicity – Aquatic invertebrates	LC50 (48 hour) = 0.085 mg/l
Toxicity – Fish	EC50 (96 hour) = 0.096 mg/l
Toxicity – Algae	EC10 = 0.5 mg/l

Persistence and degradability

No information on this formulation

Mobility in Soil

No information on this formulation

Other Adverse Effects

Listed in UN List of Identified Endocrine Disrupting Chemicals: CAS No. 84852-15-3

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations

Additional Information: Do not reuse container.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

DOT

UN/ID no.	UN2735
Proper shipping name	Amines, liquid, corrosive, N.O.S., (4-nonylphenol, branched)
Hazard Class	8
Packing Group	III
Marine pollutant	This product contains a chemical which is listed as a marine pollutant according to DOT.
Limited quantity	Product below 5L does not need Limited quantity markings or special paperwork (CFR 173.154(b))

IATA

UN/ID no.	UN2735
Proper shipping name	Amines, liquid, corrosive, N.O.S., (4-nonylphenol, branched)
Hazard Class	8
Packing Group	III
Limited quantity	Product may not exceed 1L to be sent via air LQ per IATA





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IMDG

UN/ID no.	UN2735
Proper shipping name	Amines, liquid, corrosive, N.O.S. (4-nonylphenol, branched)
Hazard Class	8
Packing Group	III
EMS	F-A, S-B
Marine Pollutant	IMDG Code 2.10.2.7 - packaging less than 5L does not require labeling as a marine pollutant (general packaging requirements must be met)



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z)	Not listed
National emission standards for hazardous air pollutants (40 CFR 61.01)	Not listed
SARA Title III Section 313	Listed : 84852-15-3
TSCA (Toxic Substance Control Act)	Listed : 9046-10-0 (Active), 84852-15-3 (Active), 100-51-6 (Active), 135108-88-2 (Active), 1760-24-3 (Active)
CAA 602 - Ozone Depleting Substances (ODS)	Not listed

US State Regulations

State Right to Know Lists	
Proposition 65 (California)	Not listed
Massachusetts	Listed : 100-51-6
Minnesota	Listed : 100-51-6
New Jersey	Not listed
Pennsylvania	Listed : 100-51-6
Rhode Island	Not listed

Other

OSPAR List of Chemicals for Priority Action	Listed : 84852-15-3
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Not listed
NTP (National Toxicology Program)	Not listed
IARC (International Agency for Research on Cancer)	Not listed

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

Revision Date	: 01-13-2025
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR).

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.



Safety Data Sheet - Gorilla Glue – Vinyl Chips – Garage Floor Epoxy

Date Revised: NEW
Date Issued: 09/04/2024

Version: 1.0

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 Glue Vinyl Chips

Synonyms: n/a

Intended Use of the Product

Vinyl polymer chips

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

Emergency Telephone Number

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

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US) Not Classified

Label Elements

GHS-US Labeling No labeling applicable

Other Hazards

Other Hazards: Not available

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Non-hazardous mixture	N/A	100	N/A

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

Inhalation: If adverse effects occur, move to fresh air. If you feel unwell, seek medical advice.

Skin Contact: Gently wash with plenty of soap and water. If adverse effects occur, seek medical advice.

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 without medical advice. Call a POISON CENTER or doctor/physician for treatment advice.

Most Important Symptoms and Effects Both Acute and Delayed

General: None expected under normal conditions of use.

Inhalation: None expected under normal conditions of use.

Skin Contact: None expected under normal conditions of use.

Eye Contact: None expected under normal conditions of use.

Ingestion: None expected under normal conditions of use.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

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



Safety Data Sheet - Gorilla Glue – Vinyl Chips – Garage Floor Epoxy

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

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

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: Hazardous reactions will not occur under normal conditions.

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: none known.

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: no special safety measures required.

For Non-Emergency Personnel

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

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: Sweep, shovel and/or vacuum to clean up spillage. Deposit into covered container for disposal. All material should be disposed of in accordance with local, state, and federal regulations.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry. Dispose of in accordance with local, state, territorial, provincial, federal and international regulations.

Reference to Other Sections

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

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.

Incompatible Materials: Sulfuric acid or alkali materials.

Maximum Storage Period: Varies depending on storage conditions. For best results, protect from frost and do not store in heat or direct sunlight. Keep tightly sealed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

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.



Safety Data Sheet - Gorilla Glue – Vinyl Chips – Garage Floor Epoxy

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Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Not necessary under normal conditions.

Materials for Protective Clothing: Not necessary under normal conditions.

Hand Protection: Not necessary under normal conditions.

Eye Protection: Not necessary under normal conditions.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Not necessary under normal conditions.

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	: Solid
Appearance	: Miscellaneous colors
Odor	: Odorless
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butylacetate=1)	: Not available
Melting/Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Upper and Lower Flammable Limits	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Specific Gravity/Relative Density	: 1.2 – 2.5
Solubility	: Insoluble
Partition coefficient: n-octanol/water	: Not available
Viscosity, Dynamic	: 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: Hazardous reactions will not occur under normal conditions.

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: Will react to sulfuric acid and alkali materials.

Hazardous Decomposition Products: Unknown

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified



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Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: None expected under normal conditions of use.

Symptoms/Injuries After Skin Contact: None expected under normal conditions of use.

Symptoms/Injuries After Eye Contact: None expected under normal conditions of use.

Symptoms/Injuries After Ingestion: None expected under normal conditions of use.

Chronic Symptoms: Not applicable

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

SECTION 12: ECOLOGICAL INFORMATION

Toxicity The components of this material have been reviewed in various sources and no selected endpoints have been identified.

Persistence and Degradability Not available

Bioaccumulative Potential Not available

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

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

US State Regulations

Neither this product nor its chemical components appear on any US state lists.

Canadian Regulations

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 : NEW

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.



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GHS Full Text Phrases:

N/A

N/A

Party Responsible for the Preparation of This Document

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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.

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