



Safety Data Sheet - Gorilla Sealant

Date Revised: 09/22/2015
Date Issued: 09/22/015

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 Sealant

Synonyms: Sealant

Intended Use of the Product

Adhesive, binding agents

Name, Address, and Telephone of the Responsible Party

Company

The Gorilla Glue Company
4550 Red Bank Expressway
Cincinnati, Ohio 45227
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: No additional information available

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% (w/w)
Silicon dioxide	(CAS No) 7631-86-9	5 - 10
Distillates (petroleum), hydrotreated middle	(CAS No) 64742-46-7	5 - 10

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: If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

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.

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: Prolonged contact may cause irritation.

Inhalation: Prolonged, repeated inhalation of adhesive may cause irritation.

Skin Contact: Repeated or prolonged skin contact may cause irritation.

Eye Contact: Contact may cause irritation.



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Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Repeated or prolonged skin contact may cause irritation.

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: Water spray, carbon dioxide, dry chemical, alcohol resistant foam.

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, CO₂), Silicon oxides, Formaldehyde.

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 all contact with skin, eyes, or clothing. Avoid breathing (vapors, dust, fumes).

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: Dispose of waste safely and in accordance with local, state, and federal regulations.

Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

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. Store away from heat.

Incompatible Materials: Strong oxidizers.

Specific End Use(s)

Adhesive



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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).

Silicon dioxide (7631-86-9)		
United States	OSHA TWA (Dust) (parts per cubic foot)	20 million particles per cubic foot (Silica)
United States	OSHA TWA (Dust) (mg/m ³)	80 mg/m ³ / %SiO ₂ (Silica)
United States	NIOSH REL (TWA) (mg/m ³)	6 mg/m ³ (Silica)
Distillates (petroleum), hydrotreated middle (64742-46-7)		
United States	OSHA TWA (Mist) (mg/m ³)	5 mg/m ³
United States	NIOSH REL (TWA) (Mist) (mg/m ³)	5 mg/m ³
United States	NIOSH REL (STEL) (Mist) (mg/m ³)	10 mg/m ³

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: Gloves. Safety glasses.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Chemically resistant gloves are recommended, but not required.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable working clothes.

Respiratory Protection: Not required for normal conditions of use. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

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 (paste)
Appearance	: Clear to slightly hazy, colorless
Odor	: Acetic acid
Odor Threshold	: Not available
pH	: Not applicable
Evaporation Rate	: Not applicable
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: >100°C (Method: closed cup)
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 applicable



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Relative Vapor Density at 20 °C	: Not available
Relative Density	: 1.007
Specific gravity / density	: Not available
Specific Gravity	: Not available
Solubility	: Non-soluble
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.
VOC content	: 2.3 %

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known.

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

Possibility of Hazardous Reactions: Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic Acid is formed upon contact with water or humid air. When heated to temperatures above 150°C (300°F) in the presence of air, trace quantities of formaldehyde may be released.

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

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂), Silicon oxides, Formaldehyde

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: >10 mg/l, 4 h, dust/mist, calculation method

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

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: Prolonged, repeated inhalation of adhesive may cause irritation.

Symptoms/Injuries After Skin Contact: Repeated or prolonged skin contact may cause irritation.

Symptoms/Injuries After Eye Contact: Contact may cause irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Repeated or prolonged skin contact may cause irritation.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Silicone Dioxide (7631-86-9)	
LD50 Oral Rat	>3,300 mg/kg
LC50 Inhalation Rat	> 2.08 mg/l (Exposure time: 4 h)
LD50 Dermal Rabbit	>5,000 mg/kg



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Distillates (petroleum), hydrotreated middle (64742-46-7)

LD50 Oral Rat	>5,000 mg/kg
LC50 Inhalation Rat	1.78 mg/l (Exposure time: 4 h)
LD50 Dermal Rat	>2,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Not available

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

Gorilla Sealant

SARA Section 311/312 Hazard Classes No SARA Hazards

Silicone Dioxide (7631-86-9)

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

Distillates (petroleum), hydrotreated middle (64742-46-7)

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

US State Regulations

Gorilla Sealant

California Proposition 65: To the best of our knowledge, this product does not contain Proposition 65 chemicals at levels that would require warning labels as known to the State of California to cause cancer or reproductive toxicity.

Pennsylvania Right to Know

Ingredient	CAS No	% (w/w)
Dimethyl siloxane, hydroxy-terminated	70131-67-8	70 - 90
Silicone dioxide	7631-86-9	5 - 10
Distillates (petroleum), hydrotreated middle	64742-46-7	5 - 10
Acetic acid	64-19-7	0 - 0.1
Acetic anhydride	108-24-7	0 - 0.1



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New Jersey Right to Know		
Ingredient	CAS No	% (w/w)
Dimethyl siloxane, hydroxy-terminated	70131-67-8	70 - 90
Silicone dioxide	7631-86-9	5 - 10
Distillates (petroleum), hydrotreated middle	64742-46-7	5 - 10
Dimethyl siloxane, trimethylsiloxy-terminated	63148-62-9	1 - 5

Canadian Regulations

Gorilla Sealant	
WHMIS Classification	This is not a controlled product under WHMIS.

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 : 09/22/2015

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

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.