



# Safety Data Sheet – Gorilla Heavy Duty Construction Adhesive Ultimate

Date Revised:  
Date Issued: 10/15/2018

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 Heavy Duty Construction Adhesive Ultimate

**Synonyms:** None

### Intended Use of the Product

Construction Adhesive

### 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)**

STOT RE 2

H373

### Label Elements

**GHS-US Labeling**

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



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

Warning

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

H373 - May cause damage to organs through prolonged or repeated exposure

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

P261 - Avoid breathing vapors, mist, or spray.  
 P272 - Contaminated work clothing must not be allowed out of the workplace.  
 P280 - Wear protective gloves.  
 P302+P352 – IF ON SKIN: Wash with plenty of water.  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

### 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)
Silane, ethenyltrimethoxy-	(CAS No) 2768-02-7	1-5
Titanium dioxide	(CAS No) 13463-67-7	0.1 - 1

## 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).



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**Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact:** Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Rinse mouth. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

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

**General:** None known.

**Inhalation:** None known.

**Skin Contact:** None known.

**Eye Contact:** None known.

**Ingestion:** None known.

**Chronic Symptoms:** None known.

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

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Treat symptomatically.

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

### **Extinguishing Media**

**Suitable Extinguishing Media:** Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**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:** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Halogenated hydrocarbons. Nitrogen oxides (NO<sub>x</sub>).

### **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.



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### 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, federal, national, 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:** Keep away from food, drink and animal feeding stuffs. Recommended storage temperature. 10 - 35 °C. Keep from freezing. Keep container tightly closed and dry. Protect from moisture. Product cures with moisture.

**Incompatible Materials:** Water.

### Specific End Use(s)

Construction Adhesive

## 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.

Titanium Dioxide (13463-67-7)		
USA NIOSH	NIOSH (IDLH) (mg/m <sup>3</sup> )	5000 mg/m <sup>3</sup>
USA OSHA	OSHA TWA (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust)
USA ACGIH	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Mexico	TWA (mg/m <sup>3</sup> )	TWA: 10 mg/m <sup>3</sup>
Mexico	STEL: (mg/m <sup>3</sup> )	STEL: 20 mg/m <sup>3</sup>
Methyl Alcohol (67-56-1)		
USA ACGIH	ACGIH TWA (ppm)	200 ppm
USA ACGIH	ACGIH STEL (ppm)	250 ppm
USA OSHA	OSHA PEL (ppm)	200 ppm
USA OSHA	OSHA PEL TWA (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
USA NIOSH	IDLH (ppm)	6000 ppm
USA NIOSH	TWA (ppm)	200 ppm
USA NIOSH	TWA (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
USA NIOSH	STEL (ppm)	250 ppm
USA NIOSH	STEL (mg/m <sup>3</sup> )	325 mg/m <sup>3</sup>
Mexico	TWA (ppm)	200 ppm
Mexico	TWA (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
Mexico	STEL (ppm)	250 ppm
Mexico	Stel (mg/m <sup>3</sup> )	310 mg/m <sup>3</sup>

### Exposure Controls

**Appropriate Engineering Controls:** Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Use explosion-proof ventilating equipment.



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**Personal Protective Equipment:** Protective clothing. Safety glasses. Gloves.



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

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

**Eye Protection:** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Skin and Body Protection:** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Other Information:** When using, do not eat, drink or smoke. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Paste
Appearance	: White
Odor	: Not available
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	: >100 °C (212 °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	: Not available
Specific gravity	: Not available
Density	: 1.56 g/cm <sup>3</sup>
Solubility	: Insoluble in water.
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
VOC (%)	: Not available
Solid Content (%)	: 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.



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## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Product cures with moisture.

**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. Keep from freezing.

**Incompatible Materials:** Water.

**Hazardous Decomposition Products:** None under normal use and recommended storage conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Not available

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not available

**pH:** Not applicable

**Serious Eye Damage/Irritation:** Not available

**pH:** Not applicable

**Respiratory or Skin Sensitization:** Not available

**Germ Cell Mutagenicity:** Not available

**Teratogenicity:** Not available

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen. As Titanium dioxide (13463-67-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide (13463-67-7)	-	Group 2B	-	X

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Specific Target Organ Toxicity (Repeated Exposure):** May cause damage to organs through prolonged or repeated exposure.

**Reproductive Toxicity:** Not available

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

**Aspiration Hazard:** Not available

**Symptoms/Injuries After Inhalation:** Not available

**Symptoms/Injuries After Skin Contact:** Not available

**Symptoms/Injuries After Eye Contact:** Not available

**Symptoms/Injuries After Ingestion:** Not available

**Chronic Symptoms:** Not available

### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

<b>Silane, ethenyltrimethoxy- (2768-02-7)</b>	
Oral LD50 Rat	7120-7236 mg/kg
<b>Titanium dioxide (13463-67-7)</b>	
Oral LD50 Rat	>10000 mg/kg



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## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Silane, ethenyltrimethoxy-2768-02-7	EC 50 (72h) > 957 mg/l (Desmodesmus subspicatus) EU Method C.3	L50 (96h) = 191 mg/l (Oncorhynchus mykiss)		EC50(48hr) 168.7mg/l (Daphnia magna)

**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

<b>Gorilla Heavy Duty Construction Adhesive Ultimate</b>	
TSCA – Toxic Substance Control Act	The ingredients in this product are listed within this act.

### US State Regulations

<b>Gorilla Heavy Duty Construction Adhesive Ultimate</b>	
California Prop 65: This product contains one or more substances listed on Proposition 65 at or above 0.01 wt. %.	
Titanium dioxide (13463-67-7)	

### Canadian Regulations

<b>Gorilla Heavy Duty Construction Adhesive Ultimate</b>	
WHMIS Classification	Non-Controlled

## 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.

**GHS Full Text Phrases:**

**Party Responsible for the Preparation of This Document**



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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.*

Gorilla Heavy Duty Construction Adhesive Ultimate NA GHS SDS



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