SECTION 1: IDENTIFICATION

Product Identifier
Product Name: Gorilla Construction Adhesive
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

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

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture
Classification (GHS-US)
Skin Sens. 1 H317
Full text of H-phrases: see section 16

Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US): GHS07

Signal Word (GHS-US): Warning
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: Small amounts of methanol (CAS# 67-56-1) are formed by hydrolysis and released upon curing.

Unknown Acute Toxicity (GHS-US): 11.55% of mixture consists of ingredient(s) on unknown toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>(CAS No) 1317-65-3</td>
<td>30 - 60</td>
</tr>
<tr>
<td>Carbonic acid, calcium salt (1:1)</td>
<td>(CAS No) 471-34-1</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>(CAS No) 57-11-4</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Quartz*</td>
<td>(CAS No) 14808-60-7</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Tin, dibutylbis (2,4-pentanedionato-O,O')-(OC-6-11)- (CAS No) 22673-19-4 0.1 - 1

*Finely divided Quartz has caused cancer of the respiratory tract and lung disease in workers that inhaled it over an extended period of time. Studies suggest, however, that these hazards are not associated with other routes of exposure. The quartz in this formulation is in an adhesive matrix and is not expected to be “inhalable.” Therefore, these hazards are not expected to be present.

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: May cause allergic skin reactions.

Inhalation: None known.

Skin Contact: May cause skin irritation and/or allergic skin reactions.

Eye Contact: None known.

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

Chronic Symptoms: None known.

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, water spray, and 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: 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 oxides (CO, CO₂).

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).

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, 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: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep out of reach of children and animals.

Incompatible Materials: None known.

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.

<table>
<thead>
<tr>
<th>Limestone (1317-65-3)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA NIOSH</td>
<td>NIOSH (TWA) (mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>OEL TWA (mg/m³)</td>
</tr>
<tr>
<td>British Columbia</td>
<td>OEL STEL (mg/m³)</td>
</tr>
<tr>
<td>British Columbia</td>
<td>OEL TWA (mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
<td>OEL TWA (mg/m³)</td>
</tr>
<tr>
<td>Nunavut</td>
<td>OEL TWA (mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL TWA (mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Québec</td>
<td>VEMP (mg/m³)</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL STEL (mg/m³)</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL TWA (mg/m³)</td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL TWA (mg/m³)</td>
</tr>
</tbody>
</table>
### Health Hazard Information

#### Acute Effects
- Inhalation: May cause irritation to the nose, throat, and lungs.
- Eye Contact: Irritating to eyes, skin, and respiratory tract.
- Skin Contact: May cause irritation.
- Ingestion: May cause nausea, vomiting, and abdominal pain.

#### Chronic Effects
- No significant chronic health effects are known.

#### Superseded Information
- Information from the Supplier’s Material Safety Data Sheet (MSDS) is superseded by the Information from the Regulation of the Agency.

### Physical Data

<table>
<thead>
<tr>
<th>Country</th>
<th>Substance</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yukon</td>
<td>OEL TWA (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Mexico</td>
<td>OEL TWA (mg/m³)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Mexico</td>
<td>OEL STEL (mg/m³)</td>
<td>20 mg/m³</td>
</tr>
<tr>
<td>Carbondic acid, calcium salt (1:1) (471-34-1)</td>
<td>OEL TWA (mg/m³)</td>
<td>5 mg/m³ (respirable dust)</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH (TWA) (mg/m³)</td>
<td>10 mg/m³ (total dust)</td>
</tr>
<tr>
<td>Quartz (14808-60-7)</td>
<td>OEL TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td>USA ACIGH</td>
<td>ACGIH TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td>USA ACIGH</td>
<td>ACGIH chemical category</td>
<td>A2 – Suspected Human Carcinogen</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL TWA (mppcf)</td>
<td>250 mppcf/3 % SiO₂+5 (respirable fraction)</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL TWA (mg/m³)</td>
<td>10 mg/m³/3 % SiO₂+2 (respirable fraction)</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL TWA (mg/m³)</td>
<td>30 mg/m³/3 % SiO₂+2 (total dust)</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>0.05 mg/m³ (respirable dust)</td>
</tr>
<tr>
<td>USA IDLH</td>
<td>US IDLH (mg/m³)</td>
<td>50 mg/m³ (respirable dust)</td>
</tr>
<tr>
<td>Alberta</td>
<td>OEL TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable particulate)</td>
</tr>
<tr>
<td>British Columbia</td>
<td>OEL TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable)</td>
</tr>
<tr>
<td>Manitoba</td>
<td>OEL TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>OEL TWA (mg/m³)</td>
<td>0.1 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>OEL TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td>Nova Scotia</td>
<td>OEL TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td>Nunavut</td>
<td>OEL TWA (mg/m³)</td>
<td>0.1 mg/m³ (respirable mass)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.3 mg/m³ (total mass)</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL TWA (mg/m³)</td>
<td>0.1 mg/m³ (respirable mass)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.3 mg/m³ (total mass)</td>
</tr>
<tr>
<td>Ontario</td>
<td>OEL Ceiling (mg/m³)</td>
<td>0.1 mg/m³ (designated substances regulation-respirable)</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>OEL TWA (mg/m³)</td>
<td>0.025 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td>Québec</td>
<td>VEMP (mg/m³)</td>
<td>0.1 mg/m³ (respirable dust)</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL TWA (mg/m³)</td>
<td>0.05 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL TWA (mg/m³)</td>
<td>300 particle/mL</td>
</tr>
<tr>
<td>Mexico</td>
<td>OEL TWA (mg/m³)</td>
<td>0.1 mg/m³</td>
</tr>
</tbody>
</table>

### Chemicals

#### Yukon
- Methanol* (67-56-1)
  - USA OSHA | OSHA PEL (ppm) | 200 ppm |

### Safety Data Sheet

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

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

| USA OSHA | OSHA PEL (mg/m³) | 260 mg/m³ |
| Mexico   | OEL TWA (ppm)   | 200 ppm   |
| Mexico   | OEL TWA (mg/m³) | 260 mg/m³ |
| Mexico   | OEL STEL (ppm)  | 250 ppm   |
| Mexico   | OEL STEL (mg/m³) | 310 mg/m³ |

*Small amounts of Methanol are formed by hydrolysis and released upon curing.

**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.

**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:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**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:** Paste
- **Appearance:** White
- **Odor:** Musty
- **Odor Threshold:** Not available
- **pH:** Not applicable
- **Evaporation Rate:** Not available
- **Melting Point:** Not available
- **Freezing Point:** Not available
- **Boiling Point:** > 93.3 °C (>200 °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:** 1.7 g/cm³
- **Solubility:** Insoluble in water.
Partition Coefficient: N-Octanol/Water : Not available
Viscosity : Not available
VOC (%) : 2
Solid Content (%) : 95
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: None known.
Hazardous Decomposition Products: Carbon oxides (CO, CO2).

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: Not available
Specific Target Organ Toxicity (Repeated Exposure): Not available
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: May cause skin irritation or an allergic skin reaction.
Symptoms/Injuries After Eye Contact: Not available
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms: Not available

Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50 Rat</th>
<th>LD50 Oral Rat</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation Rat</th>
<th>Stearic acid (57-11-4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone (1317-65-3)</td>
<td>&gt;5000 mg/kg</td>
<td>6450 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
<td>&gt; 3 mg/ml (Exposure time: 4 h)</td>
<td>&gt;5000 mg/kg</td>
</tr>
<tr>
<td>Carbonic acid, Calcium salt (1:1) (471-34-1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&gt; 5 g/kg</td>
</tr>
</tbody>
</table>
Safety Data Sheet – Gorilla Construction Adhesive

Quartz (14808-60-7)
Oral LD50 Rat | >5000 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 Construction Adhesive
TSCA – Toxic Substance Control Act The ingredients in this product are listed within this act.

US State Regulations
Gorilla Construction Adhesive
California Prop 65: This product contains one or more substances listed on Proposition 65 at or above 0.01 wt. %.
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich (68515-49-1)
Quartz (14808-60-7)
Methanol (67-56-1)

Canadian Regulations
Gorilla Construction Adhesive
WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

The ingredients in this product are listed on or are exempt from the Canadian Domestic Substances List. 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.
Safety Data Sheet – Gorilla Construction Adhesive

Date Revised: 04/27/2018
Date Issued: 07/09/2015

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

Revision Date : 04/27/18
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:

<table>
<thead>
<tr>
<th>Skin Sens. 1</th>
<th>Skin sensitization Category 1</th>
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</thead>
<tbody>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
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</table>

HMIS

<table>
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<tr>
<th>HEALTH</th>
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</thead>
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<tr>
<td>FLAMMABILITY</td>
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</tr>
<tr>
<td>PHYSICAL HAZARD</td>
<td>0</td>
</tr>
</tbody>
</table>

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.

Gorilla Construction Adhesive NA GHS SDS