



# Safety Data Sheet – Gorilla Spray Adhesive

Date Revised: 11/01/2019  
Date Issued: 02/28/2017

Version 1.1

FOR CHEMICAL EMERGENCY  
DURING BUSINESS HOURS: (800) 966-3458 | OUTSIDE BUSINESS HOURS: (800) 420-7186

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

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Gorilla Spray Adhesive

**Intended Use of the Product** 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

#### GHS-US Classification

Simple Asphy

Flam. Aerosol 1 H222

Liquefied gas H280

Skin Irrit. 2 H315

Eye Irrit. 2A H319

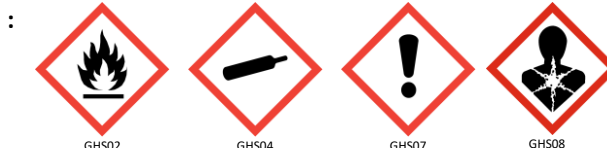
STOT SE 3 H336

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

### Label Elements

#### GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: May displace oxygen and cause rapid suffocation.  
H222 - Extremely flammable aerosol.  
H280 - Contains gas under pressure; may explode if heated.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.

Precautionary Statements (GHS-US)

: P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P261 - Avoid breathing vapors, mist, or spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, and eye protection.



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P302+P352 - If on skin: Wash with plenty of water.  
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.  
P312 - Call a poison center or doctor if you feel unwell.  
P321 - Specific treatment (see section 4 on this SDS).  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P410+P403 - Protect from sunlight. Store in a well-ventilated place.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Contact with gas escaping the container can cause frostbite.

### Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Not applicable

### Mixture

| Name                        | Product Identifier   | %     | GHS-US classification   |
|-----------------------------|----------------------|-------|---|
| Methyl acetate              | (CAS No) 79-20-9     | 15-40 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336                      |
| Cyclohexane                 | (CAS No) 110-82-7    | 5-15  | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304 |
| Acetone                     | (CAS No) 67-64-1     | 5-15  | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336                      |
| 1,1-Difluoroethane          | (CAS No) 75-37-6     | 5-15  | Simple Asphy<br>Flam. Gas 1, H220<br>Liquefied gas, H280                          |
| Dimethyl ether              | (CAS No) 115-10-6    | 5-15  | Simple Asphy<br>Flam. Gas 1, H220<br>Liquefied gas, H280                          |
| Petroleum hydrocarbon resin | (CAS No) Proprietary | 5-15  | Eye Irrit. 2B, H320   |



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|                |                   |         |   |
|----------------|-------------------|---------|---|
| Propane        | (CAS No) 74-98-6  | 1-5     | Simple Asphy<br>Flam. Gas 1, H220<br>Liquefied gas, H280  |
| Butane         | (CAS No) 106-97-8 | 1-5     | Simple Asphy<br>Flam. Gas 1, H220<br>Liquefied gas, H280  |
| Acetaldehyde   | (CAS No) 75-07-0  | <0.1    | Flam. Liq. 1, H224<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2A, H319<br>Carc. 2, H351<br>STOT SE 3, H335  |
| Methyl alcohol | (CAS No) 67-56-1  | <0.1    | Flam. Liq. 2, H225<br>Acute Tox. 3 (Oral), H301<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Inhalation:vapor), H331<br>STOT SE 1, H370                                |
| Acetic acid    | (CAS No) 64-19-7  | <0.1    | Flam. Liq. 3, H226<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318   |
| Benzene        | (CAS No) 71-43-2  | <0.001  | Flam. Liq. 2, H225<br>Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Muta. 1B, H340<br>Carc. 1A, H350<br>STOT RE 1, H372<br>Asp. Tox. 1, H304 |
| Naphthalene    | (CAS No) 91-20-3  | < 0.001 | Flam. Sol. 2, H228<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Carc. 2, H351   |

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID MEASURES

#### Description of First-aid Measures

**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). If frostbite or freezing occurs, immediately flush with plenty of lukewarm water to GENTLY warm the affected area. Do not use hot water. Do not rub affected area. Get immediate medical attention.

**First-aid Measures After Inhalation:** First, take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate respiratory protective equipment, use the buddy system), then remove the exposed person to fresh air. Keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.

**First-aid Measures After 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. If frostbite or freezing occurs, immediately flush with plenty of lukewarm water to GENTLY warm the affected area. Do not use hot water. Do not rub affected area. Get immediate medical attention.



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**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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

**Symptoms/Injuries:** May cause frostbite on contact with the liquid. Causes serious eye irritation. Causes skin irritation. May cause drowsiness and dizziness. Asphyxia by lack of oxygen: risk of death.

**Symptoms/Injuries After Inhalation:** High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. In elevated concentrations may cause asphyxiation, central nervous system effects, and increased breathing rate. Symptoms of asphyxiation include headache, dizziness, rapid breathing, increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis. Contact with gas/liquid escaping the container can cause frostbite and freeze burns.

**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva. Contact with gas/liquid escaping the container can cause frostbite, freeze burns, and permanent eye damage.

**Symptoms/Injuries After Ingestion:** Not considered a potential route of exposure, but contact with gas/liquid escaping the container can cause freeze burns and frostbite.

**Chronic Symptoms:** None known.

### 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.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Use fire extinguisher with class B rating. Carbon dioxide, dry chemical. Sand.

**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:** Flammable aerosol.

**Explosion Hazard:** Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Container may explode in heat of fire.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

### Advice for Firefighters

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

**Firefighting Instructions:** Remove containers from fire area if this can be done without risk. Use water spray or fog for cooling exposed containers. Do not get water inside containers. Do not apply water stream directly at source of leak. DO NOT fight fire when fire reaches containers. Evacuate area. Fight fire remotely due to the risk of explosion.

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

**Hazardous Combustion Products:** Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Aliphatic fragments. Hydrocarbons. Fluorinated hydrocarbons. Methanol. Formaldehyde. hydrofluoric acid. Phosgene. Fluorine compounds. Aldehydes. Ketones. Irritating fumes.

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not get in eyes, on skin, or on clothing. Do not breathe vapors, gas.

### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective 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.



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**Emergency Procedures:** Ventilate area. Eliminate ignition sources. Evacuate unnecessary personnel, isolate, and 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. Collect spillage.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Stop leak, if possible without risk. 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. Eliminate all ignition sources. Stop the source of the release, if safe to do so. Consider the use of water spray to disperse vapors. Isolate the area until gas has dispersed. Ventilate and gas test area before entering. Absorb and/or contain spill with inert material. Use only non-sparking tools. 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:** Pressurized container: may burst if heated. Do not pierce or burn, even after use. Do not pressurize, cut, or weld containers. Ruptured cylinders may rocket. Asphyxiating gas at high concentrations. Contact with the liquefied gas may cause frostbite.

**Precautions for Safe Handling:** Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not spray on an open flame or other ignition source. Avoid contact with eyes, skin and clothing. Do not breathe gas. Use appropriate personal protective equipment (PPE).

**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. Proper grounding procedures to avoid static electricity should be followed.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep only in the original container in a cool, well ventilated place away from ignition sources. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Keep in fireproof place.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Concentrated Oxygen. Acid anhydrides. Powdered metals. Alkalis. Alkali earth metals. Nitric acid. Sulfuric acid. Potassium permanganate. Halogenated compounds. Attacks some forms of plastics, rubber, and coatings.

**Specific End Use(s)** No use is specified.

## 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), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

| Dimethyl ether (115-10-6)    |                                      |                        |
|------------------------------|--------------------------------------|------------------------|
| USA AIHA                     | WEEL TWA (ppm)                       | 1000 ppm               |
| 1,1-Difluoroethane (75-37-6) |                                      |                        |
| USA AIHA                     | WEEL TWA (ppm)                       | 1000 ppm               |
| Propane (74-98-6)            |                                      |                        |
| USA NIOSH                    | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 1800 mg/m <sup>3</sup> |
| USA NIOSH                    | NIOSH REL (TWA) (ppm)                | 1000 ppm               |
| USA IDLH                     | US IDLH (ppm)                        | 2100 ppm (10% LEL)     |



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|                                 |                                       |   |
|---------------------------------|---------------------------------------|---|
| USA OSHA                        | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 1800 mg/m <sup>3</sup>  |
| USA OSHA                        | OSHA PEL (TWA) (ppm)                  | 1000 ppm  |
| <b>Butane (106-97-8)</b>        |                                       |   |
| USA ACGIH                       | ACGIH STEL (ppm)                      | 1000 ppm  |
| USA NIOSH                       | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 1900 mg/m <sup>3</sup>  |
| USA NIOSH                       | NIOSH REL (TWA) (ppm)                 | 800 ppm   |
| <b>Cyclohexane (110-82-7)</b>   |                                       |   |
| USA ACGIH                       | ACGIH TWA (ppm)                       | 100 ppm   |
| USA NIOSH                       | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 1050 mg/m <sup>3</sup>  |
| USA NIOSH                       | NIOSH REL (TWA) (ppm)                 | 300 ppm   |
| USA IDLH                        | US IDLH (ppm)                         | 1300 ppm (10% LEL)  |
| USA OSHA                        | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 1050 mg/m <sup>3</sup>  |
| USA OSHA                        | OSHA PEL (TWA) (ppm)                  | 300 ppm   |
| <b>Benzene (71-43-2)</b>        |                                       |   |
| USA ACGIH                       | ACGIH TWA (ppm)                       | 0.5 ppm   |
| USA ACGIH                       | ACGIH STEL (ppm)                      | 2.5 ppm   |
| USA ACGIH                       | ACGIH chemical category               | Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Human Carcinogen  |
| USA ACGIH                       | Biological Exposure Indices (BEI)     | 25 µg/g Kreatinin Parameter: S-Phenylmercapturic acid - Medium: urine - Sampling time: end of shift (background)<br>500 µg/g Kreatinin Parameter: t,t-Muconic acid - Medium: urine - Sampling time: end of shift (background) |
| USA NIOSH                       | NIOSH REL (TWA) (ppm)                 | 0.1 ppm   |
| USA NIOSH                       | NIOSH REL (STEL) (ppm)                | 1 ppm   |
| USA IDLH                        | US IDLH (ppm)                         | 500 ppm   |
| USA OSHA                        | OSHA PEL (TWA) (ppm)                  | 10 ppm<br>1 ppm   |
| USA OSHA                        | OSHA PEL (STEL) (ppm)                 | 5 ppm (see 29 CFR 1910.1028)  |
| USA OSHA                        | OSHA PEL (Ceiling) (ppm)              | 25 ppm  |
| <b>Methyl acetate (79-20-9)</b> |                                       |   |
| USA ACGIH                       | ACGIH TWA (ppm)                       | 200 ppm   |
| USA ACGIH                       | ACGIH STEL (ppm)                      | 250 ppm   |
| USA NIOSH                       | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 610 mg/m <sup>3</sup>   |
| USA NIOSH                       | NIOSH REL (TWA) (ppm)                 | 200 ppm   |
| USA NIOSH                       | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 760 mg/m <sup>3</sup>   |
| USA NIOSH                       | NIOSH REL (STEL) (ppm)                | 250 ppm   |
| USA IDLH                        | US IDLH (ppm)                         | 3100 ppm (10% LEL)  |
| USA OSHA                        | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 610 mg/m <sup>3</sup>   |
| USA OSHA                        | OSHA PEL (TWA) (ppm)                  | 200 ppm   |
| <b>Acetaldehyde (75-07-0)</b>   |                                       |   |
| USA ACGIH                       | ACGIH Ceiling (ppm)                   | 25 ppm  |
| USA ACGIH                       | ACGIH chemical category               | Suspected Human Carcinogen  |
| USA IDLH                        | US IDLH (ppm)                         | 2000 ppm  |
| USA OSHA                        | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 360 mg/m <sup>3</sup>   |
| USA OSHA                        | OSHA PEL (TWA) (ppm)                  | 200 ppm   |





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| <b>Methyl alcohol (67-56-1)</b> |                                       |  |
|---------------------------------|---------------------------------------|--|
| USA ACGIH                       | ACGIH TWA (ppm)                       | 200 ppm  |
| USA ACGIH                       | ACGIH STEL (ppm)                      | 250 ppm  |
| USA ACGIH                       | ACGIH chemical category               | Skin - potential significant contribution to overall exposure by the cutaneous route   |
| USA ACGIH                       | Biological Exposure Indices (BEI)     | 15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift (background, nonspecific)  |
| USA NIOSH                       | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 260 mg/m <sup>3</sup>  |
| USA NIOSH                       | NIOSH REL (TWA) (ppm)                 | 200 ppm  |
| USA NIOSH                       | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 325 mg/m <sup>3</sup>  |
| USA NIOSH                       | NIOSH REL (STEL) (ppm)                | 250 ppm  |
| USA IDLH                        | US IDLH (ppm)                         | 6000 ppm   |
| USA OSHA                        | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 260 mg/m <sup>3</sup>  |
| USA OSHA                        | OSHA PEL (TWA) (ppm)                  | 200 ppm  |
| <b>Acetic acid (64-19-7)</b>    |                                       |  |
| USA ACGIH                       | ACGIH TWA (ppm)                       | 10 ppm   |
| USA ACGIH                       | ACGIH STEL (ppm)                      | 15 ppm   |
| USA NIOSH                       | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 25 mg/m <sup>3</sup>   |
| USA NIOSH                       | NIOSH REL (TWA) (ppm)                 | 10 ppm   |
| USA NIOSH                       | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 37 mg/m <sup>3</sup>   |
| USA NIOSH                       | NIOSH REL (STEL) (ppm)                | 15 ppm   |
| USA IDLH                        | US IDLH (ppm)                         | 50 ppm   |
| USA OSHA                        | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 25 mg/m <sup>3</sup>   |
| USA OSHA                        | OSHA PEL (TWA) (ppm)                  | 10 ppm   |
| <b>Acetone (67-64-1)</b>        |                                       |  |
| USA ACGIH                       | ACGIH TWA (ppm)                       | 250 ppm  |
| USA ACGIH                       | ACGIH STEL (ppm)                      | 500 ppm  |
| USA ACGIH                       | ACGIH chemical category               | Not Classifiable as a Human Carcinogen   |
| USA ACGIH                       | Biological Exposure Indices (BEI)     | 25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)   |
| USA NIOSH                       | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 590 mg/m <sup>3</sup>  |
| USA NIOSH                       | NIOSH REL (TWA) (ppm)                 | 250 ppm  |
| USA IDLH                        | US IDLH (ppm)                         | 2500 ppm (10% LEL)   |
| USA OSHA                        | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 2400 mg/m <sup>3</sup>   |
| USA OSHA                        | OSHA PEL (TWA) (ppm)                  | 1000 ppm   |
| <b>Naphthalene (91-20-3)</b>    |                                       |  |
| USA ACGIH                       | ACGIH TWA (ppm)                       | 10 ppm   |
| USA ACGIH                       | ACGIH chemical category               | Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA ACGIH                       | Biological Exposure Indices (BEI)     | Parameter: 1-Naphthol with hydrolysis plus 2-Naphthol with hydrolysis - Sampling time: end of shift (nonquantitative, nonspecific)                 |
| USA NIOSH                       | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 50 mg/m <sup>3</sup>   |
| USA NIOSH                       | NIOSH REL (TWA) (ppm)                 | 10 ppm   |
| USA NIOSH                       | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 75 mg/m <sup>3</sup>   |



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|  |                                     |  |
|--|-------------------------------------|--|
| USA NIOSH  | NIOSH REL (STEL) (ppm)              | 15 ppm   |
| USA IDLH   | US IDLH (ppm)                       | 250 ppm  |
| USA OSHA   | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 50 mg/m <sup>3</sup>   |
| USA OSHA   | OSHA PEL (TWA) (ppm)                | 10 ppm   |
| <b>Particulates not otherwise classified (PNOC) (Not applicable)</b> |                                     |  |
| USA ACGIH  | ACGIH TWA (mg/m <sup>3</sup> )      | 3 mg/m <sup>3</sup> Respirable fraction<br>10 mg/m <sup>3</sup> Total Dust |
| USA OSHA   | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup> Respirable fraction<br>15 mg/m <sup>3</sup> Total Dust |

### 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. Gas detectors should be used when flammable gases or vapors may be released. Oxygen detectors should be used when asphyxiating gases may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed.

#### Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Respiratory protection of the dependent type.



#### Materials for Protective Clothing

: Chemically resistant materials and fabrics. Wear fire/flammable resistant/retardant clothing.

#### Hand Protection

: Wear protective gloves. If material is cold, wear thermally resistant protective gloves.

#### Eye Protection

: Chemical safety goggles.

#### Skin and Body Protection

: Wear suitable protective clothing.

#### Respiratory Protection

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

#### Thermal Hazard Protection

: Wear thermally resistant protective clothing.

#### 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   | : Gas   |
| Appearance       | : No data available                             |
| Odor             | : No data available                             |
| Odor Threshold   | : No data available                             |
| pH               | : No data available                             |
| Evaporation Rate | : No data available                             |
| Melting Point    | : No data available                             |
| Freezing Point   | : No data available                             |
| Boiling Point    | : 57.6 °C (135.68 °F) estimated                 |
| Flash Point      | : -104.4 °C (-155.92 °F) Propellant - estimated |





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|  |   |
|--|---|
| Auto-ignition Temperature              | : No data available                                   |
| Decomposition Temperature              | : No data available                                   |
| Flammability (solid, gas)              | : No data available                                   |
| Vapor Pressure                         | : No data available                                   |
| Relative Vapor Density at 20°C         | : No data available                                   |
| Relative Density                       | : No data available                                   |
| Specific Gravity                       | : 0.72  |
| Solubility                             | : No data available                                   |
| Partition Coefficient: N-Octanol/Water | : No data available                                   |
| Viscosity                              | : No data available                                   |
| Explosive Properties                   | : Contains gas under pressure; may explode if heated. |
| Lower Flammable Limit                  | : 3 %   |
| Upper Flammable Limit                  | : 14.8 %  |

### Other Information

|                       |                                   |
|-----------------------|-----------------------------------|
| Gas Group             | : Liquefied gas                   |
| Flame projection      | : 24 in. with Flash Back of 2 in. |
| Concentrate Viscosity | : 75-225 cPs                      |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

**Chemical Stability:** Flammable aerosol. Pressurized container: may burst if heated.

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

**Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Concentrated Oxygen. Acid anhydrides. Powdered metals. Alkalis. Alkaline earth metals. Nitric acid. Sulfuric acid. Potassium permanganate. Halogenated compounds. Attacks some forms of plastics, rubber, and coatings.

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

**Acute Toxicity:** Not classified

|                                  |  |
|----------------------------------|--|
| <b>Dimethyl ether (115-10-6)</b> |  |
| LC50 Inhalation Rat              | 308 mg/l/4h                                  |
| <b>Propane (74-98-6)</b>         |  |
| LC50 Inhalation Rat              | 658 mg/l/4h                                  |
| <b>Butane (106-97-8)</b>         |  |
| LC50 Inhalation Rat              | 30957 mg/m <sup>3</sup> (Exposure time: 4 h) |
| <b>Cyclohexane (110-82-7)</b>    |  |
| LD50 Oral Rat                    | 12705 mg/kg                                  |
| LD50 Dermal Rabbit               | > 2000 mg/kg                                 |
| LC50 Inhalation Rat              | 13.9 mg/l/4h                                 |
| <b>Benzene (71-43-2)</b>         |  |
| LD50 Oral Rat                    | 810 mg/kg                                    |



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|                                 |  |
|---------------------------------|--|
| LD50 Dermal Rabbit              | > 8200 mg/kg                                 |
| LC50 Inhalation Rat             | 44.66 mg/l/4h                                |
| <b>Methyl acetate (79-20-9)</b> |  |
| LD50 Oral Rat                   | > 5 g/kg                                     |
| LD50 Dermal Rabbit              | > 5 g/kg                                     |
| LC50 Inhalation Rat             | 16000 ppm/4h                                 |
| <b>Acetaldehyde (75-07-0)</b>   |  |
| LD50 Oral Rat                   | 660 mg/kg                                    |
| LC50 Inhalation Rat             | 24 mg/l/4h                                   |
| LC50 Inhalation Rat             | 13000 ppm/4h                                 |
| <b>Methyl alcohol (67-56-1)</b> |  |
| LC50 Inhalation Rat             | 3 mg/l/4h                                    |
| LC50 Inhalation Rat             | 22500 ppm (Exposure time: 8 h)               |
| ATE (Oral)                      | 100.00 mg/kg body weight                     |
| ATE (Dermal)                    | 300.00 mg/kg body weight                     |
| <b>Acetic acid (64-19-7)</b>    |  |
| LD50 Oral Rat                   | 3310 mg/kg                                   |
| <b>Acetone (67-64-1)</b>        |  |
| LD50 Oral Rat                   | 5800 mg/kg                                   |
| LD50 Dermal Rabbit              | 15688 mg/kg                                  |
| LC50 Inhalation Rat             | 44 g/m <sup>3</sup>                          |
| LC50 Inhalation Rat             | 75.8 mg/l/4h                                 |
| <b>Naphthalene (91-20-3)</b>    |  |
| LD50 Oral Rat                   | 533 - 710 mg/kg                              |
| LD50 Dermal Rat                 | 1120 mg/kg                                   |
| LC50 Inhalation Rat             | > 340 mg/m <sup>3</sup> (Exposure time: 1 h) |

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

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

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

|   |   |
|---|---|
| <b>Benzene (71-43-2)</b>                    |   |
| IARC group                                  | 1   |
| National Toxicology Program (NTP) Status    | Evidence of Carcinogenicity, Known Human Carcinogens. |
| OSHA Hazard Communication Carcinogen List   | In OSHA Hazard Communication Carcinogen list.         |
| OSHA Specifically Regulated Carcinogen List | In OSHA Specifically Regulated Carcinogen list.       |
| <b>Acetaldehyde (75-07-0)</b>               |   |
| IARC group                                  | 1, 2B   |
| National Toxicology Program (NTP) Status    | Reasonably anticipated to be Human Carcinogen.        |
| OSHA Hazard Communication Carcinogen List   | In OSHA Hazard Communication Carcinogen list.         |
| <b>Naphthalene (91-20-3)</b>                |   |
| IARC group                                  | 2B  |
| National Toxicology Program (NTP) Status    | Reasonably anticipated to be Human Carcinogen.        |
| OSHA Hazard Communication Carcinogen List   | In OSHA Hazard Communication Carcinogen list.         |



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**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** May cause drowsiness or dizziness.

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

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. In elevated concentrations may cause asphyxiation, central nervous system effects, and increased breathing rate. Symptoms of asphyxiation include headache, dizziness, rapid breathing, increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis. Contact with gas/liquid escaping the container can cause frostbite and freeze burns.

**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva. Contact with gas/liquid escaping the container can cause frostbite, freeze burns, and permanent eye damage.

**Symptoms/Injuries After Ingestion:** Not considered a potential route of exposure, but contact with gas/liquid escaping the container can cause freeze burns and frostbite.

**Chronic Symptoms:** None known.

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

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

|                                     |   |
|-------------------------------------|---|
| <b>1,1-Difluoroethane (75-37-6)</b> |   |
| LC50 Fish 1                         | 733 mg/l  |
| EC50 Daphnia 1                      | 720 mg/l  |
| ErC50 (Algae)                       | 419 mg/l  |
| <b>Cyclohexane (110-82-7)</b>       |   |
| LC50 Fish 1                         | 3.96 - 5.18 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])      |
| EC50 Daphnia 1                      | 0.9 mg/l  |
| LC50 Fish 2                         | 23.03 - 42.07 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])          |
| <b>Benzene (71-43-2)</b>            |   |
| LC50 Fish 1                         | 10.7 - 14.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])      |
| EC50 Daphnia 1                      | 8.76 - 15.6 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                  |
| LC50 Fish 2                         | 5.3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])              |
| EC50 Daphnia 2                      | 10 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                    |
| <b>Methyl acetate (79-20-9)</b>     |   |
| LC50 Fish 1                         | 295 - 348 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])        |
| EC50 Daphnia 1                      | 1026.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                |
| LC50 Fish 2                         | 250 - 350 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])                |
| <b>Acetaldehyde (75-07-0)</b>       |   |
| LC50 Fish 1                         | 28 (28.0 - 34.0) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1                      | 3.64 (3.64 - 6.15) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])           |
| LC50 Fish 2                         | 53 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])                     |
| EC50 Daphnia 2                      | 48.3 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                  |
| <b>Methyl alcohol (67-56-1)</b>     |   |
| LC50 Fish 1                         | 28200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])            |
| EC50 Daphnia 1                      | 1340 mg/l   |



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|                              |   |
|------------------------------|---|
| LC50 Fish 2                  | > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])              |
| <b>Acetic acid (64-19-7)</b> |   |
| LC50 Fish 1                  | 79 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])                 |
| EC50 Daphnia 1               | 65 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                       |
| LC50 Fish 2                  | 75 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])                 |
| <b>Acetone (67-64-1)</b>     |   |
| LC50 Fish 1                  | 4144.846 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)                    |
| EC50 Daphnia 1               | 1679.66 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                  |
| LC50 Fish 2                  | 6210 (6210 - 8120) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 2               | 12600 (12600 - 12700) mg/l (Exposure time: 48 h - Species: Daphnia magna)             |
| <b>Naphthalene (91-20-3)</b> |   |
| LC50 Fish 1                  | 5.74 - 6.44 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])  |
| EC50 Daphnia 1               | 2.16 mg/l (Exposure time: 48 h - Species: Daphnia magna)                              |
| LC50 Fish 2                  | 1.6 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])          |
| EC50 Daphnia 2               | 1.96 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through])               |

## Persistence and Degradability

|                               |   |
|-------------------------------|---|
| <b>Gorilla Spray Adhesive</b> |   |
| Persistence and Degradability | May cause long-term adverse effects in the environment. |
| <b>Acetone (67-64-1)</b>      |   |
| Persistence and Degradability | Readily biodegradable in water.                         |

## Bioaccumulative Potential

|                                  |                  |
|----------------------------------|------------------|
| <b>Gorilla Spray Adhesive</b>    |                  |
| Bioaccumulative Potential        | Not established. |
| <b>Dimethyl ether (115-10-6)</b> |                  |
| Log Pow                          | -0.18            |
| <b>Propane (74-98-6)</b>         |                  |
| Log Pow                          | 2.3              |
| <b>Butane (106-97-8)</b>         |                  |
| Log Pow                          | 2.89             |
| <b>Cyclohexane (110-82-7)</b>    |                  |
| Log Pow                          | 3.44             |
| <b>Benzene (71-43-2)</b>         |                  |
| BCF Fish 1                       | 3.5 - 4.4        |
| Log Pow                          | 2.1              |
| <b>Methyl acetate (79-20-9)</b>  |                  |
| Log Pow                          | 0.18             |
| <b>Acetaldehyde (75-07-0)</b>    |                  |
| Log Pow                          | 0.5              |
| <b>Methyl alcohol (67-56-1)</b>  |                  |
| BCF Fish 1                       | < 10             |
| Log Pow                          | -0.77            |
| <b>Acetic acid (64-19-7)</b>     |                  |
| Log Pow                          | -0.31 (at 20 °C) |



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|                              |          |
|------------------------------|----------|
| <b>Acetone (67-64-1)</b>     |          |
| <b>BCF Fish 1</b>            | 0.69     |
| <b>Log Pow</b>               | -0.24    |
| <b>Log Kow</b>               | -0.24    |
| <b>Naphthalene (91-20-3)</b> |          |
| <b>BCF Fish 1</b>            | 30 - 430 |
| <b>Log Pow</b>               | 3.6      |

**Mobility in Soil** No additional information available

### Other Adverse Effects

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

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations. Do not pierce or burn, even after use.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions. Do not puncture or incinerate 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.

### In Accordance with DOT

Proper Shipping Name : AEROSOLS flammable, (each not exceeding 1 L capacity)  
Hazard Class : 2.1  
**Identification Number** : UN1950  
Label Codes : 2.1  
**Marine Pollutant** : Marine pollutant  
ERG Number : 126  
Other Information : A marine pollutant designation is not required when shipped in a single package or combination packaging containing inner packaging with contents of 5L or less. Otherwise, the above descriptions apply.



### In Accordance with IMDG

Proper Shipping Name : AEROSOLS flammable, (each not exceeding 1 L capacity)  
Hazard Class : 2  
Division : 2.1  
**Identification Number** : UN1950  
Label Codes : 2.1  
EmS-No. (Fire) : F-D  
EmS-No. (Spillage) : S-U  
**Marine Pollutant** : Marine pollutant  
Additional Information : This product, when in compliance with IMDG Code 37-14, section 2.10.2.7, is not subject to any other provisions of the IMDG code relevant to marine pollutants. For inclusion in another hazard class all provisions of the IMDG code relevant to any additional hazards continue to apply.





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## In Accordance with IATA

Proper Shipping Name : AEROSOLS, flammable, (each not exceeding 1 L capacity)  
Identification Number : UN1950  
Hazard Class : 2  
Label Codes : 2.1  
Division : 2.1  
ERG Code (IATA) : 10L



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

|  |   |
|--|---|
| <b>Gorilla Spray Adhesive</b>  |   |
| <b>SARA Section 311/312 Hazard Classes</b>   | Fire hazard<br>Sudden release of pressure hazard<br>Immediate (acute) health hazard   |
| <b>Dimethyl ether (115-10-6)</b>   |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |   |
| <b>1,1-Difluoroethane (75-37-6)</b>  |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |   |
| <b>Propane (74-98-6)</b>   |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |   |
| <b>Butane (106-97-8)</b>   |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |   |
| <b>Cyclohexane (110-82-7)</b>  |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313 |   |
| <b>CERCLA RQ</b>   | 1000 lb   |
| <b>SARA Section 313 - Emission Reporting</b>   | 1.0 %   |
| <b>Benzene (71-43-2)</b>   |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313 |   |
| <b>CERCLA RQ</b>   | 10 lb   |
| <b>SARA Section 313 - Emission Reporting</b>   | 0.1 %   |
| <b>Methyl acetate (79-20-9)</b>  |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |   |
| <b>Acetaldehyde (75-07-0)</b>  |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313 |   |
| <b>EPA TSCA Regulatory Flag</b>  | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA |
| <b>CERCLA RQ</b>   | 1000 lb   |
| <b>SARA Section 313 - Emission Reporting</b>   | 0.1 %   |
| <b>Methyl alcohol (67-56-1)</b>  |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313 |   |
| <b>CERCLA RQ</b>   | 5000 lb   |





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|   |  |
|---|--|
| <b>SARA Section 313 - Emission Reporting</b>  | 1.0 %  |
| <b>Acetic acid (64-19-7)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                   |  |
| <b>CERCLA RQ</b>  | 5000 lb  |
| <b>Acetone (67-64-1)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                   |  |
| <b>CERCLA RQ</b>  | 5000 lb  |
| <b>Benzene, ethenyl-, polymer with 1-methyl-4-(1-methylethenyl)cyclohexene (64536-06-7)</b> |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                   |  |
| <b>EPA TSCA Regulatory Flag</b>   | XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)) |
| <b>Naphthalene (91-20-3)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                   |  |
| Subject to reporting requirements of United States SARA Section 313                         |  |
| <b>CERCLA RQ</b>  | 100 lb   |
| <b>SARA Section 313 - Emission Reporting</b>  | 0.1 %  |
| <b>Benzene, 1,3-diethenyl-, polymer with 1,3-butadiene and ethenylbenzene (26471-45-4)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory                   |  |
| <b>EPA TSCA Regulatory Flag</b>   | XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)) |

## US State Regulations

|  |  |
|--|--|
| <b>Benzene (71-43-2)</b>   |  |
| <b>U.S. - California - Proposition 65 - Carcinogens List</b>             | WARNING: This product contains chemicals known to the State of California to cause cancer.                   |
| <b>U.S. - California - Proposition 65 - Developmental Toxicity</b>       | WARNING: This product contains chemicals known to the State of California to cause birth defects.            |
| <b>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</b> | WARNING: This product contains chemicals known to the State of California to cause (Male) reproductive harm. |
| <b>Acetaldehyde (75-07-0)</b>  |  |
| <b>U.S. - California - Proposition 65 - Carcinogens List</b>             | WARNING: This product contains chemicals known to the State of California to cause cancer.                   |
| <b>Methyl alcohol (67-56-1)</b>  |  |
| <b>U.S. - California - Proposition 65 - Developmental Toxicity</b>       | WARNING: This product contains chemicals known to the State of California to cause birth defects.            |
| <b>Naphthalene (91-20-3)</b>   |  |
| <b>U.S. - California - Proposition 65 - Carcinogens List</b>             | WARNING: This product contains chemicals known to the State of California to cause cancer.                   |
| <b>Dimethyl ether (115-10-6)</b>   |  |
| U.S. - Massachusetts - Right To Know List                                |  |
| U.S. - New Jersey - Right to Know Hazardous Substance List               |  |
| U.S. - Pennsylvania - RTK (Right to Know) List                           |  |
| <b>1,1-Difluoroethane (75-37-6)</b>                                      |  |



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U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

### **Propane (74-98-6)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Butane (106-97-8)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Cyclohexane (110-82-7)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Benzene (71-43-2)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

U.S. - Pennsylvania - RTK (Right to Know) List

### **Methyl acetate (79-20-9)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Acetaldehyde (75-07-0)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Methyl alcohol (67-56-1)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Acetic acid (64-19-7)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Acetone (67-64-1)**

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Naphthalene (91-20-3)**



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Date Revised: 11/01/2019  
Date Issued: 02/28/2017

Version 1.1

**FOR CHEMICAL EMERGENCY**  
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U.S. - Massachusetts - Right To Know List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List  
U.S. - Pennsylvania - RTK (Right to Know) List

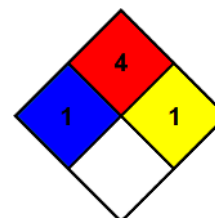
## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

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

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard : 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.

NFPA reactivity : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



### GHS Full Text Phrases:

|                                 |  |
|---------------------------------|--|
| Acute Tox. 3 (Dermal)           | Acute toxicity (dermal) Category 3                               |
| Acute Tox. 3 (Inhalation:vapor) | Acute toxicity (inhalation:vapor) Category 3                     |
| Acute Tox. 3 (Oral)             | Acute toxicity (oral) Category 3                                 |
| Acute Tox. 4 (Dermal)           | Acute toxicity (dermal) Category 4                               |
| Acute Tox. 4 (Oral)             | Acute toxicity (oral) Category 4                                 |
| Aquatic Acute 1                 | Hazardous to the aquatic environment - Acute Hazard Category 1   |
| Aquatic Acute 2                 | Hazardous to the aquatic environment - Acute Hazard Category 2   |
| Aquatic Acute 3                 | Hazardous to the aquatic environment - Acute Hazard Category 3   |
| Aquatic Chronic 1               | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Aquatic Chronic 2               | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3               | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Asp. Tox. 1                     | Aspiration hazard Category 1                                     |
| Carc. 1A                        | Carcinogenicity Category 1A                                      |
| Carc. 2                         | Carcinogenicity Category 2                                       |
| Comb. Dust                      | Combustible Dust   |
| Eye Dam. 1                      | Serious eye damage/eye irritation Category 1                     |
| Eye Irrit. 2A                   | Serious eye damage/eye irritation Category 2A                    |
| Eye Irrit. 2B                   | Serious eye damage/eye irritation Category 2B                    |
| Flam. Aerosol 1                 | Flammable aerosol Category 1                                     |
| Flam. Gas 1                     | Flammable gases Category 1                                       |
| Flam. Liq. 1                    | Flammable liquids Category 1                                     |
| Flam. Liq. 2                    | Flammable liquids Category 2                                     |
| Flam. Liq. 3                    | Flammable liquids Category 3                                     |
| Flam. Sol. 2                    | Flammable solids Category 2                                      |
| Liquefied gas                   | Gases under pressure Liquefied gas                               |
| Muta. 1B                        | Germ cell mutagenicity Category 1B                               |



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|               |  |
|---------------|--|
| Simple Asphy  | Simple Asphyxiant  |
| Skin Corr. 1A | Skin corrosion/irritation Category 1A                          |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2                           |
| STOT RE 1     | Specific target organ toxicity (repeated exposure) Category 1  |
| STOT SE 1     | Specific target organ toxicity (single exposure) Category 1    |
| STOT SE 3     | Specific target organ toxicity (single exposure) Category 3    |
| STOT SE 3     | Specific target organ toxicity (single exposure) Category 3    |
| H220          | Extremely flammable gas  |
| H222          | Extremely flammable aerosol                                    |
| H224          | Extremely flammable liquid and vapor                           |
| H225          | Highly flammable liquid and vapor                              |
| H226          | Flammable liquid and vapor                                     |
| H228          | Flammable solid  |
| H280          | Contains gas under pressure; may explode if heated             |
| H301          | Toxic if swallowed   |
| H302          | Harmful if swallowed   |
| H304          | May be fatal if swallowed and enters airways                   |
| H311          | Toxic in contact with skin                                     |
| H312          | Harmful in contact with skin                                   |
| H314          | Causes severe skin burns and eye damage                        |
| H315          | Causes skin irritation   |
| H318          | Causes serious eye damage                                      |
| H319          | Causes serious eye irritation                                  |
| H320          | Causes eye irritation  |
| H331          | Toxic if inhaled   |
| H335          | May cause respiratory irritation                               |
| H336          | May cause drowsiness or dizziness                              |
| H340          | May cause genetic defects                                      |
| H350          | May cause cancer   |
| H351          | Suspected of causing cancer                                    |
| H370          | Causes damage to organs  |
| H372          | Causes damage to organs through prolonged or repeated exposure |
| Simple Asphy  | May displace oxygen and cause rapid suffocation                |
| H400          | Very toxic to aquatic life                                     |
| H401          | Toxic to aquatic life  |
| H402          | Harmful to aquatic life  |
| H410          | Very toxic to aquatic life with long lasting effects           |
| H411          | Toxic to aquatic life with long lasting effects                |
| H412          | Harmful to aquatic life with long lasting effects              |



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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.*

Gorilla Glue US GHS SDS 2015