

**Date Revised:** 11/18/2016 **Date of Issue:** 11/18/2016

Version: 1.1

#### FOR CHEMICAL EMERGENCY:

During Business Hours: (800) 966-3458 | Outside Business Hours: (800) 420-7186

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations and According to The Hazardous Products Regulation (February 11, 2015).

## **SECTION 1: IDENTIFICATION**

<u>Product Identifier</u> <u>Product Form: Mixture</u>

**Product Name:** CLEAR GORILLA GLUE **Intended Use of the Product** 

Hybrid Adhesive

Name, Address, and Telephone of the Responsible Party

Company

The Gorilla Glue Company 2101 East Kemper Road Cincinnati, Ohio 45241

513-271-3300

www.gorillatough.com

**Emergency Telephone Number** 

Emergency Number : 1-800-420-7186 (ProPharma) -

## **SECTION 2: HAZARDS IDENTIFICATION**

## **Classification of the Substance or Mixture**

## **GHS-US/CA Classification**

Flam. Liq. 4 H227 Eye Irrit. 2A H319 Skin Sens. 1 H317 Aquatic Acute 3 H402 Aquatic Chronic 3 H412

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

# <u>Label Elements</u>

**GHS-US/CA Labeling** 

Hazard Pictograms (GHS-US/CA)



Signal Word (GHS-US/CA) : Warning

Hazard Statements (GHS-US/CA) : H227 - Combustible liquid.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H402 - Harmful to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA): P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P261 - Avoid breathing vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

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

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

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



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contact lenses, if present and easy to do. Continue rinsing. -

P321 - Specific treatment (see section 4 on this SDS). -

P333+P313 - If skin irritation or rash 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. -

P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish. -

P403 - Store in a well-ventilated place. -

P501 - Dispose of contents/container in accordance with local, regional, national, - territorial, provincial, and international regulations. -

#### **Other Hazards**

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

## **Unknown Acute Toxicity (GHS-US/CA)**

No data available

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Mixture**

Name	Product Identifier	% *	GHS Ingredient Classification
N-[3-(Trimethyoxysilyl)propyl]-1,2-	(CAS No) 1760-24-3	1 - < 3	Acute Tox. 4 (Inhalation:dust,mist), H332
ethanediamine			Eye Dam. 1, H318
			Skin Sens. 1, H317
Silane, ethenyltrimethoxy-	(CAS No) 2768-02-7	< 1	Flam. Liq. 3, H226
			Acute Tox. 4 (Inhalation:vapor), H332
			STOT RE 2, H373
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)	(CAS No) 41556-26-7	< 1	Flam. Liq. 4, H227
sebacate			Skin Sens. 1, H317
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
Decanedioic acid, methyl 1,2,2,6,6-	(CAS No) 82919-37-7	< 1	Skin Sens. 1, H317
pentamethyl-4-piperidinyl ester			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
Isopropyl alcohol	(CAS No) 67-63-0	< 0.01	Flam. Liq. 2, H225
			Eye Irrit. 2A, H319
			STOT SE 3, H336

Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

## **SECTION 4: FIRST AID MEASURES**

#### **Description of First Aid Measures**

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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

<sup>\*</sup>Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).



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**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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

**General:** Causes serious eye irritation. Skin sensitization. **Inhalation:** Prolonged exposure may cause irritation. **Skin Contact:** May cause an allergic skin reaction.

Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

**Ingestion:** Ingestion may cause adverse effects.

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:** Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>). Water may be ineffective but water should be used to keep fire-exposed container cool.

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

#### Special Hazards Arising from the Substance or Mixture

Fire Hazard: Combustible liquid. -

Explosion Hazard: May form flammable or explosive vapor-air mixture. -

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion. Reacts with water liberating methanol. -

## **Advice for Firefighters**

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

**Firefighting Instructions:** 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. In case of major fire and large quantities: 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, CO2). Silicon oxides. Hydrogen. -

Formaldehyde. Formaldehyde is a potential carcinogen and can act as a potential skin and respiratory sensitizer. Formaldehyde can also cause respiratory and eye irritation. -

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

## **Reference to Other Sections**

Refer to Section 9 for flammability properties.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

## Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

## **For Non-Emergency Personnel**

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



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

#### **For Emergency Personnel**

Protective Equipment: Equip cleanup crew with proper protection. -

**Emergency Procedures:** Ventilate area. Eliminate ignition sources. Upon arrival at the scene, a first responder is expected to - recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained - personnel as soon as conditions permit. -

#### **Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment. -

#### Methods and Materials for Containment and Cleaning Up

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

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. - Do not take up in combustible material such as: saw dust or cellulosic material. Transfer spilled material to a suitable container for - disposal. Use only non-sparking tools. Contact competent authorities after a spill. -

#### **Reference to Other Sections**

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

## **SECTION 7: HANDLING AND STORAGE**

#### **Precautions for Safe Handling**

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable. Reacts with water - liberating methanol. -

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

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. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low - temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place. - **Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Peroxides. Metal Catalysts. Polymerization catalysts. Alkalis. -

## Specific End Use(s)

**Hybrid 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), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Silane, ethenyltrimethoxy- (2768-02-7)		
Ontario	OEL STEL (mg/m³)	60 mg/m <sup>3</sup>
Ontario	OEL STEL (ppm)	10 ppm
Isopropyl alcohol (67-63-0)		
Mexico	OEL TWA (mg/m³)	980 mg/m³
Mexico	OEL TWA (ppm)	400 ppm



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Mexico	OEL STEL (mg/m³)	1225 mg/m³	
Mexico	OEL STEL (ppm)	500 ppm	
USA ACGIH	ACGIH TWA (ppm)	200 ppm	
USA ACGIH	ACGIH STEL (ppm)	400 ppm	
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen	
USA ACGIH	Biological Exposure Indices (BEI)	40 mg/l (Medium: urine - Time: end of shift at end of	
		workweek - Parameter: Acetone (background, nonspecific)	
USA OSHA	OSHA PEL (TWA) (mg/m³)	980 mg/m³	
USA OSHA	OSHA PEL (TWA) (ppm)	400 ppm	
USA NIOSH	NIOSH REL (TWA) (mg/m³)	980 mg/m³	
USA NIOSH	NIOSH REL (TWA) (ppm)	400 ppm	
USA NIOSH	NIOSH REL (STEL) (mg/m³)	1225 mg/m³	
USA NIOSH	NIOSH REL (STEL) (ppm)	500 ppm	
USA IDLH	US IDLH (ppm)	2000 ppm (10% LEL)	
Alberta	OEL STEL (mg/m³)	984 mg/m³	
Alberta	OEL STEL (ppm)	400 ppm	
Alberta	OEL TWA (mg/m³)	492 mg/m³	
Alberta	OEL TWA (ppm)	200 ppm	
British Columbia	OEL STEL (ppm)	400 ppm	
British Columbia	OEL TWA (ppm)	200 ppm	
Manitoba	OEL STEL (ppm)	400 ppm	
Manitoba	OEL TWA (ppm)	200 ppm	
New Brunswick	OEL STEL (mg/m³)	1230 mg/m³	
New Brunswick	OEL STEL (ppm)	500 ppm	
New Brunswick	OEL TWA (mg/m³)	983 mg/m³	
New Brunswick	OEL TWA (ppm)	400 ppm	
Newfoundland & Labrador	OEL STEL (ppm)	400 ppm	
Newfoundland & Labrador	OEL TWA (ppm)	200 ppm	
Nova Scotia	OEL STEL (ppm)	400 ppm	
Nova Scotia	OEL TWA (ppm)	200 ppm	
Nunavut	OEL STEL (mg/m³)	1228 mg/m³	
Nunavut	OEL STEL (ppm)	500 ppm	
Nunavut	OEL TWA (mg/m³)	983 mg/m³	
Nunavut	OEL TWA (ppm)	400 ppm	
Northwest Territories	OEL STEL (ppm)	400 ppm	
Northwest Territories	OEL TWA (ppm)	200 ppm	
Ontario	OEL STEL (ppm)	400 ppm	
Ontario	OEL TWA (ppm)	200 ppm	
Prince Edward Island	OEL STEL (ppm)	400 ppm	
Prince Edward Island	OEL TWA (ppm)	200 ppm	
Québec	VECD (mg/m³)	1230 mg/m³	
Québec	VECD (ppm)	500 ppm	
Québec	VEMP (mg/m³)	985 mg/m <sup>3</sup>	



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Québec	VEMP (ppm)	400 ppm	
Saskatchewan	OEL STEL (ppm)	400 ppm	
Saskatchewan	OEL TWA (ppm)	200 ppm	
Yukon	OEL STEL (mg/m³)	1225 mg/m³	
Yukon	OEL STEL (ppm)	500 ppm	
Yukon	OEL TWA (mg/m³)	980 mg/m³	
Yukon	OEL TWA (ppm)	400 ppm	

#### **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. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed.

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









Materials for Protective Clothing: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

**Hand Protection:** Wear protective gloves. **Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

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

**Environmental Exposure Controls:** Avoid release to the environment.

Other Information: When using, do not eat, drink or smoke

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties** 

Physical State : Liquid

Appearance : Clear/Colorless

Odor : Slight Chemical Smell

Odor Threshold: Not availablepH: Not availableEvaporation Rate: Not availableMelting Point: Not availableFreezing Point: Not availableBoiling Point: Not available

Flash Point : 85 °C (185 °F) (Closed Cup)

Auto-ignition Temperature: Not availableDecomposition Temperature: Not availableFlammability (solid, gas): Not available



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Lower Flammable Limit: Not availableUpper Flammable Limit: Not availableVapor Pressure: Not availableRelative Vapor Density at 20°C: Not availableRelative Density: Not availableSpecific Gravity: 1.099

Solubility: Not availablePartition Coefficient: N-Octanol/Water: Not availableViscosity: 6000 - 10000 cP

## **SECTION 10: STABILITY AND REACTIVITY**

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion. Reacts with water liberating methanol. -

Chemical Stability: Combustible liquid. May form flammable or explosive vapor-air mixture. -

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

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

<u>Incompatible Materials</u>: Strong acids, strong bases, strong oxidizers. Peroxides. Metal Catalysts. Polymerization catalysts. Alkalis. - <u>Hazardous Decomposition Products</u>: Under normal conditions of storage and use, hazardous decomposition products should not - be produced. -

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

## **Information on Toxicological Effects - Product**

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation. - **Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. -

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva. -

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects. -

Chronic Symptoms: None known. -

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

LD50 and LC50 Data:

Silane, ethenyltrimethoxy- (2768-02-7)	
LD50 Oral Rat	7340 μl/kg

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LC50 Inhalation Rat	11 mg/l/4h
N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)	
LD50 Oral Rat	7460 μl/kg
LC50 Inhalation Rat	1.49 - 2.44 mg/l/4h
Isopropyl alcohol (67-63-0)	
LD50 Oral Rat	4710 mg/kg
LD50 Dermal Rabbit	4059 mg/kg
LC50 Inhalation Rat	72.6 mg/l/4h (Exposure time: 4 h)
LC50 Inhalation Rat	72.5 mg/l/4h
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
LD50 Oral Rat	2615 mg/kg
Isopropyl alcohol (67-63-0)	
IARC Group	3

# **SECTION 12: ECOLOGICAL INFORMATION**

#### Toxicity

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

	1 0 0
Isopropyl alcohol (67-63-0)	
LC50 Fish 1	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Other Aquatic Organisms 1	1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)
LC50 Fish 2	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Other Aquatic Organisms 2	1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
LC50 Fish 1	0.97 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

# Persistence and Degradability

CLEAR GORILLA GLUE	
Persistence and Degradability	May cause long-term adverse effects in the environment.
D'access of late a Data attal	

#### **Bioaccumulative Potential**

CLEAR GORILLA GLUE	
Bioaccumulative Potential	Not established.
Isopropyl alcohol (67-63-0)	
Log Pow	0.05 (at 25 °C)
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
Log Pow	0.37 (at 25 °C)

Mobility in Soil Not available

**Other Adverse Effects** 

Other Information: Avoid release to the environment.

# **SECTION 13: DISPOSAL CONSIDERATIONS**

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

Additional Information: Handle empty containers with care because residual vapors are flammable. -



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**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 Not regulated for transport Not regulated for Not regulat

## SECTION 15: REGULATORY INFORMATION

# **US Federal Regulations**

US Federal Regulations	
CLEAR GORILLA GLUE	
SARA Section 311/312 Hazard Classes	Fire hazard
	Immediate (acute) health hazard
Silane, ethenyltrimethoxy- (2768-02-7)	
Listed on the United States TSCA (Toxic Substances of	Control Act) inventory
N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine	(1760-24-3)
Listed on the United States TSCA (Toxic Substances 0	Control Act) inventory
Isopropyl alcohol (67-63-0)	
Listed on the United States TSCA (Toxic Substances of	Control Act) inventory
Subject to reporting requirements of United States S	SARA Section 313
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA
SARA Section 313 - Emission Reporting  1.0 % (only if manufactured by the strong acid process, no supplier notification)	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41	1556-26-7)
Listed on the United States TSCA (Toxic Substances of	Control Act) inventory
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-	piperidinyl ester (82919-37-7)
Listed on the United States TSCA (Toxic Substances (	Control Act) inventory

#### Listed on the United States TSCA (Toxic

HAPS (Hazardous Air Pollutants):		
CAS No.	Chemical	Upper limit wt. %
67-56-1	Methanol (may be released during cure)	<= 0.5

## **US State Regulations**

## Isopropyl alcohol (67-63-0); Methanol (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

#### **California Propositon 65**

**WARNING:** This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to: <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>



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CAS No.	Chemical
67-56-1	Methanol (may be released during cure)

## **Canadian Regulations**

Silane, ethenyltrimethoxy- (2768-02-7)

Listed on the Canadian DSL (Domestic Substances List)

N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)

Listed on the Canadian DSL (Domestic Substances List)

Isopropyl alcohol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)

Listed on the Canadian DSL (Domestic Substances List)

Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)

Listed on the Canadian DSL (Domestic Substances List)

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

**Revision Date** 

: 09/30/2016

**Other Information** 

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products

Regulations (HPR).

## **GHS Full Text Phrases:**

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Inhalation:vapor)	Acute toxicity (inhalation:vapour) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
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 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Sens. 1	Skin sensitization Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
Comb. Dust	May form combustible dust concentrations in air

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#### FOR CHEMICAL EMERGENCY:

During Business Hours: (800) 966-3458 | Outside Business Hours: (800) 420-7186

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations and According to The Hazardous Products Regulation (February 11, 2015).

H301	Toxic if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

The information presented in this Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user's information and consideration only. Any use of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.

NA GHS SDS 2015 (US, Can, Mex)