Gorilla Construction Adhesive Clear

ACCORDING TO US CFR 1910.1200

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Gorilla Construction Adhesive Clear

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Adhesives.
Uses Advised Against	Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer	
Company Identification	The Gorilla Glue Company
Address of Manufacturer	2101 East Kemper Road
	Cincinnati, Ohio
Zip code	45241
Telephone:	513-271-3300
E-mail	Info@gorillaglue.com
Supplier	
Company Identification	The Gorilla Glue Company
Address of Supplier	2101 East Kemper Road
	Cincinnati, Ohio
Zip code	45241
Telephone:	513-271-3300
E-mail	Info@gorillaglue.com

1.4 Emergency telephone number

Emergency Phone No.	1-800-420-7186
Contact	Prosar

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

US CFR 1910.1200	Skin Sens. 1A :May cause an allergic skin reaction.
	Eye Irrit. 2A :Causes serious eye irritation.
	Repr. 2 :Suspected of damaging fertility or the unborn child.

2.2 Label elements

	According to US CFR 1910.1200
Product Name	Gorilla Construction Adhesive Clear
Hazard Pictogram(s)	 
	GHS08 GHS07
Signal Word(s)	Warning
Hazard Statement(s)	H317: May cause an allergic skin reaction.
	H319: Causes serious eye irritation.
	H361: Suspected of damaging fertility or the unborn child.

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Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P201: Obtain special instructions before use. P261: Avoid breathing vapors. P280: Wear protective gloves/protective clothing/eye protection/face protection. P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Silicon dioxide	7631-86-9	10-20	Not classified	None
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	1-5	Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335	GHS05 GHS07
Trimethoxyvinylsilane	2768-02-7	0.5-1	Skin Sens. 1B H317	GHS07
Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	1065336-91-5	0.1-0.2	Skin Sens. 1A H317 Repr. 2 H361	GHS08 GHS07
1,1,3,3-tetramethylguanidine	80-70-6	<0.2	Flam. Liq. 3 H226 Acute Tox. 4 H302 Skin Corr. 1B H314 Eye Dam. 1 H318	GHS02 GHS05 GHS07

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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Ingestion	Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging fertility or the unborn child.

4.3 Indication of any immediate medical attention and special treatment needed

IF exposed or concerned: Get medical advice/attention.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Oxides of carbon.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid breathing vapors. Ensure full personal protection (including respiratory protection) during removal of spillages. Wear appropriate personal protective equipment, avoid direct contact. Contaminated work clothing must not be allowed out of the workplace. Wash hands and exposed skin thoroughly after handling.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Clear up spillages. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapors. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with skin and eyes. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Take off contaminated clothing and wash it before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool/low-temperature, well-ventilated (dry) place. Store locked up.

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

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7.3 Specific end use(s)

Adhesives.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Amorphous, including natural diatomaceous earth (Total dust)	7631-86-9		6			CAL-OSHA PEL_Table Z-3
Amorphous, including natural diatomaceous earth (Respirable)	7631-86-9		3			CAL-OSHA PEL_Table Z-3
Amorphous, including natural diatomaceous earth	7631-86-9		6			NIOSH REL Z-3
Amorphous, including natural diatomaceous earth	7631-86-9		80			OSHA PEL_Table Z-3, (3a), (3e)

Remark	Notes
CAL-OSHA PEL_Table Z-3	California Division of Occupational Safety and Health (CAL-OSHA) Permissible Exposure Limits (PELs) Table Z-3 Mineral Dusts, 2019
NIOSH REL Z-3	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-3: Up to 10-hour time weighted average (TWA) during a 40-hour work week, 2019
OSHA PEL_Table Z-3	Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs) Table Z-3 Mineral Dusts, 2019
(3a)	20 mppcf (Millions of particles per cubic foot of air, based on impinger samples counted by light-field techniques. Conversion factors - mppcf × 35.3 = million particles per cubic meter = particles per c.c.
(3e)	The PEL in mg/m3 is calculated by dividing by the percentage SiO2 +2.

8.2 Exposure controls

8.2.1. Appropriate engineering controls — Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection — Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection — Wear protective clothing and gloves: Impervious gloves.
Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection — Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.

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Thermal hazards	Not applicable.
8.2.3. Environmental Exposure Controls	Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Paste.
Color	White.
Odor	Slight.
Melting point/freezing point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flammability	Non-flammable.
Lower and upper explosion limit	Not available.
Flash Point	Not applicable.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
pH	Not available.
Kinematic Viscosity	Not applicable.
Solubility	Solubility (Water) : Insoluble. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not available.
Vapor pressure	Not available.
Density and/or relative density	Relative density : 1.62
Relative vapor density	Not applicable.
Particle characteristics	Not available.

9.2 Other information

Granulometry	100-1000 µm (Silicon dioxide)

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

Not known.

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10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified.
	Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 500000
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
	<3% N-(3-(trimethoxysilyl)propyl)ethylenediamine : Serious damage to rabbit eyes, with effects that were not fully reversed in five of six during the 21-day observation period.
Skin sensitization data	Calculation method : May cause an allergic skin reaction.
	>0.1% Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate : According to the maximisation grading the neat test compound showed a strong grade of skin-sensitizing (contact allergenic) potential in albino guinea pigs.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
	There is no evidence of mutagenic potential.
Carcinogenicity	Calculation method : Not classified.
	No evidence of carcinogenicity.
Reproductive toxicity	Calculation method : Suspected of damaging fertility or the unborn child.
	>0.1% Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate :
	Effects on fertility : NOAEL (rat) : 109 mg/kg bw/day
	Developmental Toxicity : NOAEL (rat) : 500 mg/kg bw/day
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

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12.2 Persistence and degradability

No information on this formulation.

12.3 Bioaccumulative potential

No information on this formulation.

12.4 Mobility in soil

Insoluble in water. The product is predicted to have low mobility in soil.

12.5 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z)	Not listed
National emission standards for hazardous air pollutants (40 CFR 61.01)	Not listed
SARA Title III Section 313	Not listed
TSCA (Toxic Substance Control Act)	Listed : 7631-86-9, 1760-24-3, 2768-02-7, 80-70-6
CAA 602 - Ozone Depleting Substances (ODS)	Not listed

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15.2 US State Regulations

State Right to Know Lists	
Proposition 65 (California)	Not listed
Massachusetts	Listed : 7631-86-9
Minnesota	Listed : 7631-86-9
New Jersey	Not listed
Pennsylvania	Listed : 7631-86-9
Rhode Island	Not listed

15.3 Other

OSPAR List of Chemicals for Priority Action	Not listed
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Not listed
NTP (National Toxicology Program)	Listed : 7631-86-9
IARC (International Agency for Research on Cancer)	Listed : 7631-86-9 (Group 3 : Not classifiable as to its carcinogenicity to humans.)

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

Hazard Pictogram(s)



GHS08



GHS07

GHS02: GHS: Flame

GHS05: GHS: Corrosion

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3

Acute Tox. 4 : Acute toxicity, Category 4

Skin Corr. 1B : Skin corrosion/irritation, Category 1B

Skin Sens. 1A : Skin sensitization, Category 1A

Skin Sens. 1B : Skin sensitization, Category 1B

Eye Dam. 1 : Serious eye damage/irritation, Category 1

Eye Irrit. 2A : Serious eye damage/irritation, Category 2A

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Repr. 2 : Reproductive toxicity, Category 2

Hazard Statement(s)

H226: Flammable liquid and vapor.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

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H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H361: Suspected of damaging fertility or the unborn child.

Precautionary Statement(s)

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P261: Avoid breathing vapors.
P264: Wash hands and exposed skin thoroughly after handling.
P272: Contaminated work clothing must not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face 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 contact lenses, if present and easy to do. Continue rinsing.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P321: Specific treatment (see Medical Advice on this label).
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.
P405: Store locked up.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
LTEL : Long term exposure limit
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity

Key literature references and sources for data used to compile the SDS

US CFR 1910.1200

Disclaimers

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