

**Gorilla Landscape Construction Adhesive**

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 Landscape Construction Adhesive

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

Identified Use(s) Solvent-based adhesive.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification The Gorilla Glue Company

Address 2101 East Kemper Road

Cincinnati, Ohio

Zip code 45241

Telephone 513-271-3300

E-mail Info@gorillaglu.com

Supplier

Company Identification The Gorilla Glue Company

Address 2101 East Kemper Road

Cincinnati, Ohio

Zip code 45241

Telephone 513-271-3300

E-mail Info@gorillaglu.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
Flam. Liq. 2 :Highly flammable liquid and vapor.
Eye Irrit. 2A :Causes serious eye irritation.
STOT SE 3 :May cause drowsiness or dizziness.
Repr. 1B :May damage fertility or the unborn child.

2.2 Label elements

According to US CFR 1910.1200

Product Name Gorilla Landscape Construction Adhesive

Hazard Pictogram(s)



GHS02



GHS08



GHS07

Signal Word(s)

Danger



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Hazard Statement(s)

H225: Highly flammable liquid and vapor.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.
 H360: May damage fertility or the unborn child.

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.
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 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

Repeated exposure may cause skin dryness or cracking.

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)
Kaolin	1332-58-7	30-40	Not classified	None
Methyl acetate	79-20-9	20-30	Flam. Liq. 2 H225 Eye Irrit. 2A H319 STOT SE 3 H336	GHS02 GHS07
Acetone	67-64-1	1-5	Flam. Liq. 2 H225 Eye Irrit. 2A H319 STOT SE 3 H336	GHS02 GHS07
Xylene	1330-20-7	1-5	Flam. Liq. 3 H226 Acute Tox. 4 H312 Skin Irrit. 2 H315 Acute Tox. 4 H332	GHS02 GHS07
Ethylbenzene	100-41-4	0.1-1	Flam. Liq. 2 H225 Asp. Tox. 1 H304 Acute Tox. 4 H332 STOT RE 2 H373	GHS02 GHS08 GHS07
Quartz (SiO ₂)	14808-60-7	0.1-1	Not classified	None
2,2',2"-nitrilotriethanol	102-71-6	0.1-1	Not classified	None
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.1-1	Repr. 1B H360	GHS08



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2,2'-iminodiethanol	111-42-2	≤0.05	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT RE 2 H373	GHS05 GHS08 GHS07
Methanol	67-56-1	≤0.05	Flam. Liq. 2 H225 Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331 STOT SE 1 H370	GHS02 GHS06 GHS08

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

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water. If symptoms persist, obtain medical 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.
Ingestion	Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting. Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. May cause drowsiness or dizziness. May damage 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: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing Media	Use water spray, foam, dry powder or CO ₂ to extinguish.
Unsuitable extinguishing Media	Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapor. May decompose in a fire giving off toxic fumes. The vapor is heavier than air and spreads along ground.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Keep fire exposed containers cool by spraying with water.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Eliminate sources of ignition. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure full personal protection (including respiratory protection) during removal of spillages. Avoid breathing vapors. Wear appropriate personal protective equipment, avoid direct contact. Wash hands and exposed skin after use.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing vapors. Wash hands and exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with skin and eyes. Do not eat, drink or smoke at the work place. If medical advice is needed, have product container or label at hand. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Strong oxidizing agents.

7.3 Specific end use(s)

Solvent-based adhesive.



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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
Kaolin	1332-58-7		2			ACGIH TLV, R, E, A4
Kaolin (Respirable fraction)	1332-58-7		2			OSHA PEL, (6w)
Kaolin (Total dust)	1332-58-7		10			NIOSH REL Z-1
Kaolin (Respirable fraction)	1332-58-7		5			NIOSH REL Z-1
Kaolin (Total dust)	1332-58-7		15			OSHA PEL Z-1
Kaolin (Respirable fraction)	1332-58-7		5			OSHA PEL Z-1
Methyl acetate	79-20-9	200	606	250	757	ACGIH TLV
Methyl acetate	79-20-9	200		250		OSHA PEL
Methyl acetate	79-20-9	200	610	250	760	NIOSH REL Z-1
Methyl acetate	79-20-9	200	610			OSHA PEL Z-1
Acetone	67-64-1	250	594	500	1187	ACGIH TLV, A4
Acetone	67-64-1	500		750		OSHA PEL, C = 3000ppm
Acetone	67-64-1	250	590			NIOSH REL Z-1
Acetone	67-64-1	1000	2400			OSHA PEL Z-1
Xylene (Dimethylbenzene), all isomers	1330-20-7	100				ACGIH TLV, OTO, A4, W
Xylene; xylol; dimethylbenzene	1330-20-7	100		150		OSHA PEL, C = 300ppm
Xylenes (Dimethylbenzene), all isomers	1330-20-7	100	435	150	655	NIOSH REL Z-1
Xylenes (Dimethylbenzene), all isomers	1330-20-7	20				OSHA PEL Z-1
Ethylbenzene	100-41-4	20	87			ACGIH TLV, A3, OTO
Ethylbenzene	100-41-4	5		30		OSHA PEL
Ethyl benzene	100-41-4	100	435	125	545	NIOSH REL Z-1
Ethyl benzene	100-41-4	100	435			OSHA PEL Z-1
Silica, crystalline, α-quartz	14808-60-7		0.025			ACGIH TLV, R, A2
Silica, crystalline (respirable dust); Quartz	14808-60-7		0.05			OSHA PEL
Silica, crystalline, α-quartz (Respirable dust)	14808-60-7		0.05			NIOSH REL Z-1, Ca
Silica, crystalline, α-quartz (Respirable dust)	14808-60-7		0.05			OSHA PEL Z-1, (z1), (a1)
Silica: CrystallineQuartz (Respirable)	14808-60-7		10			OSHA PEL_Table Z-3, (3d), (3h), (3k), (3l), (3e), (3f)
Triethanolamine	102-71-6		5			ACGIH TLV
Diethanolamine	111-42-2	0.2	1			ACGIH TLV, IFV, Skin, A3



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Diethanolamine	111-42-2	3	15			NIOSH REL Z-1
Methanol (Methyl alcohol)	67-56-1	200	262	250	328	ACGIH TLV, Skin
Methyl alcohol; methanol	67-56-1	200		250		OSHA PEL, C = 1000ppm
Methanol (Methyl alcohol)	67-56-1	200	260	250	325	NIOSH REL Z-1, (S)
Methanol (Methyl alcohol)	67-56-1	200	260			OSHA PEL Z-1

Remark	Notes
ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®), 2024
R	Measured as respirable fraction of the aerosol.
E	The value is for particulate matter containing no asbestos and <1% crystalline silica
A4	Not Classifiable as a Human Carcinogen
OSHA PEL	Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs), 2019
(6w)	no asbestos, < 1% crystalline silica
NIOSH REL Z-1	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week, 2022
OSHA PEL Z-1	Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table, 2022
OTO	Ototoxicant. The designation "OTO" for hearing disorders in the "Notations" column highlights the potential for a chemical to cause hearing impairment alone or in combination with noise, even below 85 dBA.
W	OTO for p-Xylene and mixed isomers containing p-Xylene
A3	Confirmed Animal Carcinogen with Unknown Relevance to Humans
A2	Suspected Human Carcinogen
Ca	Potential occupational carcinogens
(z1)	This standard applies to any operations or sectors for which the Respirable crystalline silica standard, 1910.1053, is stayed or is otherwise not in effect.
(a1)	30 mg/m3 (total dust)/% SiO ₂ + 2 OR 250 mppcf (respirable dust)/% SiO ₂ + 5 OR 10 mg/m3 (respirable dust)/% SiO ₂ + 2
OSHA PEL_Table Z-3	Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs) Table Z-3 Mineral Dusts, 2019
(3d)	250 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.
(3h)	The percentage of crystalline silica in the formula is the amount determined from airborne samples, except in those instances in which other methods have been shown to be applicable.
(3k)	Both concentration and percentage quartz for the application of this limit are to be determined from the fraction passing through a size-selector with the following characteristics: Aerodynamic diameter (unit density sphere)/ percent passing selector : 2/90; 2.5/75; 3.5/50; 5/25; 10/0. The measurements under this note refer to the use of an AEC (now NRC) instrument. The respirable fraction of coal dust is determined with an MRE; the figure corresponding to that of 2.4mg/m3 for coal dust is 4.5mg/m3.
(3l)	This standard applies to any operations or sectors for which the respirable crystalline silica standard, 1910.1053, is stayed or is otherwise not in effect.
(3e)	The PEL in mg/m3 is calculated by dividing by the percentage SiO ₂ +2.
(3f)	The PEL in mppcf is calculated by dividing by the percentage SiO ₂ +5.
IFV	Measured as Inhalable fraction and vapor
Skin	Danger of cutaneous absorption
(S)	Danger of cutaneous absorption

BEI: Biological Exposure Indices (ACGIH)						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Acetone	67-64-1	End of shift	urine	Acetone	25 mg/L	Ns
Xylenes	1330-20-7	End of shift	urine	Methylhippuric acids	0.3 g/g creatinine	*
Ethylbenzene	100-41-4	End of shift	urine	Sum of mandelic acid and phenylglyoxylic acid	150 g/g creatinine	Ns, *
Methanol	67-56-1	End of shift	urine	Methanol	15 mg/L	B, Ns



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Remark	Notes
*	2023 Adoption
B	Background
b	After exposure to soluble compounds
Ns	Nonspecific

8.2 Exposure controls

- 8.2.1. Appropriate engineering controls Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. 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 eye glasses for protection against liquid splashes.



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 protection.



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	Liquid.
Color	Tan.
Odor	Characteristic odor.
Melting Point/Freezing Point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flammability	Highly flammable liquid and vapor.
Lower and upper explosion limit	Not available.
Flash Point	6.8°F /-14°C
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
pH	Not available.
Kinematic Viscosity	Not available.

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Solubility	Solubility (Water) : Not known.
	Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not available.
Vapor pressure	Not available.
Density and/or relative density	Density (g/ml) : 1.21 g/cm ³
Relative vapor density	Not available.
Particle characteristics	Not applicable.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

None anticipated.

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

Keep away from heat, sources of ignition and direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents.

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): 166666.67
Acute toxicity - Skin Contact	Calculation method : Not classified.
	Calculation method : Calculated acute toxicity estimate (ATE): 50381.68
Acute toxicity - Inhalation	Calculation method : Not classified.
	Calculation method : Calculated acute toxicity estimate (ATE): 467.42
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
	Methyl acetate : Effects were examined after 1, 24, 48 and 72 hours after application.
	Due to the fact that effects were still observed 72 hours, an additional examination took place 7 days after application. At this time point, no effects were observed anymore.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.



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Reproductive toxicity

Calculation method : May damage fertility or the unborn child.

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol :

Developmental Toxicity : NOAEL = 50 mg/kg

Maternal Toxicity : NOAEL = 93.5 mg/kg

Fetal Development : NOAEL = 187 mg/kg

Lactation

Calculation method : Not classified.

STOT - single exposure

Calculation method : May cause drowsiness or dizziness.

Methyl acetate : LC50 (inhalation) mg/l/4h: >49.2

STOT - repeated exposure

Calculation method : Not classified.

Aspiration hazard

Calculation method : Not classified.

11.2 Other information

Repeated exposure may cause skin dryness or cracking.

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.

12.2 Persistence and degradability

No information on this formulation.

Methyl acetate : Readily biodegradable.

12.3 Bioaccumulative potential

No information on this formulation.

Methyl acetate : Low bioaccumulation potential. Log Pow = 0.18

12.4 Mobility in soil

No information on this formulation.

12.5 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

It is ignitable waste class D001. Dispose of this material and its container as hazardous waste. Dispose of empty containers and wastes safely. Incineration by an approved method could be considered.

13.2 Additional Information

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

**Gorilla Landscape Construction Adhesive****SECTION 14: TRANSPORT INFORMATION****A. Domestic Transport Regulations**

NA number	UN1133
Proper Shipping Name	Adhesives, containing a flammable liquid
Hazard Class	3
Packing group	II
Label elements	3
Special Packing Provisions for Packages	149, B52, IB2, T4, TP1, TP8
Packaging Exceptions	150
Packaging Non-bulk	173
Packaging Bulk	242
Limited Quantities - Passenger aircraft/rail	5 L
Limited Quantities - Cargo Aircraft	60 L
Vessel Location	B
Vessel Other	

B. International Transport Regulations**14.1 UN number**

UN No.	1133
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14.2 UN proper shipping name

UN proper shipping name	ADHESIVES
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14.3 Transport hazard class(es)

ADR/RID	
ADR/RID Class	3
ADR Classification Code	F1
Special Provisions	640D
Limited Quantities	5 L
Excepted Quantities	E2
Emergency Action Code	•3YE
Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	PP1
Mixed Packing Instructions for Packages	MP19
Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1 TP8
Tank Code for Tanks	LGBF
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL
ADR Transport Category	2
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	

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Special Provisions for Carriage - Loading,
Unloading and Handling

Special Provisions for Carriage - S2 S20
Operation

ADR HIN 33

IMDG

IMDG Class 3

Special Provisions

Limited Quantities 5 L

Excepted Quantities E2

Mixed Packing Instructions for Packages P001 IBC02

Special Packing Provisions for Packages PP1

Instructions for Portable Tanks T4

Special Provisions for Portable Tanks TP1 TP8

IMDG EMS F-E, S-D

Stowage and Handling Category B

Segregation

Marine Pollutant Not classified as a Marine Pollutant.

ICAO/IATA

ICAO/IATA Class 3

Excepted Quantities E2

Passenger and Cargo Aircraft Limited Y341

Quantities Packing Instructions

Passenger and Cargo Aircraft Limited 1L

Quantities Max net Qty

Passenger and Cargo Aircraft Packing 353

Instructions

Passenger and Cargo Aircraft Max net 5L

Qty

Cargo Aircraft Packing Instructions 364

Cargo Aircraft Max net Qty 60L

Special Provisions A3

Emergency Response Guidebook (ERG) 3L

Code

Labels

Labels 3

**14.4 Packing group**

Packing group II

14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

**Gorilla Landscape Construction Adhesive****14.6 Special precautions for user**

Special precautions for user Not known.

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

No information available

SECTION 15: REGULATORY INFORMATION**15.1 US Federal Regulations**

Toxic and hazardous substances (29 CFR 1910; Subpart Z) Listed : 1332-58-7, 79-20-9, 67-64-1, 1330-20-7, 100-41-4, 14808-60-7, 67-56-1

National emission standards for hazardous air pollutants (40 CFR 61.01) Not listed

SARA Title III Section 313 Listed : 1330-20-7, 100-41-4, 111-42-2, 67-56-1

TSCA (Toxic Substance Control Act) Listed : 1332-58-7 (Active), 79-20-9 (Active), 67-64-1 (Active), 1330-20-7 (Active), 100-41-4 (Active), 14808-60-7 (Active), 102-71-6 (Active), 119-47-1 (Active), 111-42-2 (Active), 67-56-1 (Active)

CAA 602 - Ozone Depleting Substances (ODS) Not listed

15.2 US State Regulations**State Right to Know Lists**

Proposition 65 (California) Listed : 100-41-4, 14808-60-7, 111-42-2, 67-56-1

Massachusetts Listed : 79-20-9, 67-64-1, 1330-20-7, 100-41-4, 14808-60-7, 102-71-6, 111-42-2, 67-56-1

Minnesota Listed : 1332-58-7, 79-20-9, 67-64-1, 1330-20-7, 100-41-4, 14808-60-7, 102-71-6, 111-42-2, 67-56-1

New Jersey Listed : 1332-58-7, 79-20-9, 67-64-1, 1330-20-7, 100-41-4, 14808-60-7, 102-71-6, 111-42-2, 67-56-1

Pennsylvania Listed : 1332-58-7, 79-20-9, 67-64-1, 1330-20-7, 100-41-4, 14808-60-7, 67-56-1

Rhode Island Listed : 1332-58-7, 79-20-9, 67-64-1, 1330-20-7, 100-41-4, 14808-60-7, 102-71-6, 111-42-2, 67-56-1

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 : 14808-60-7

IARC (International Agency for Research on Cancer) Listed : 1330-20-7, 102-71-6, 100-41-4, 111-42-2 (Group 2B: Possibly carcinogenic to humans.), 14808-60-7 (Group 1: Carcinogenic to humans.)

**Gorilla Landscape Construction Adhesive****SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

1-16

LEGEND

Hazard Pictogram(s)



GHS02



GHS08



GHS07

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Flam. Liq. 3 : Flammable liquid, Category 3

Acute Tox. 3 : Acute toxicity, Category 3

Acute Tox. 4 : Acute toxicity, Category 4

Asp. Tox. 1 : Aspiration hazard, Category 1

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

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. 1B : Reproductive toxicity, Category 1B

STOT SE 1 : Specific target organ toxicity — single exposure, Category 1

STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2

Hazard Statement(s)

H225: Highly flammable liquid and vapor.

H226: Flammable liquid and vapor.

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.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H360: May damage fertility or the unborn child.

H370: Causes damage to organs.

H373: May cause damage to organs through prolonged or repeated exposure.



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Precautionary Statement(s)

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

P261: Avoid breathing vapors.

P264: Wash hands and exposed skin thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304+P340: IF INHALED: Remove person to fresh air and keep 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.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P312: Call a POISON CENTER/doctor if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice/attention.

P370+P378: In case of fire: Use water spray, foam, dry powder or CO₂ to extinguish.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

IATA : International Air Transport Association

IBC : Intermediate Bulk Container

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

LTEL : Long term exposure limit

RID : Regulations concerning the International Carriage of Dangerous Goods by Rail

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

UN : United Nations



Gorilla Landscape Construction Adhesive

Key literature references and sources for US CFR 1910.1200
data used to compile the SDS

Disclaimers

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