

**Waterproof Patch and Seal Paste – White**

ACCORDING TO US CFR 1910.1200

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name Waterproof Patch and Seal Paste – White
CAS No. Not applicable.

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

Postal code 45241
Telephone 513-271-3300
E-mail Info@gorillaglu.com

Supplier

Company Identification The Gorilla Glue Company
Address of Supplier 2101 East Kemper Road
Cincinnati, Ohio

Postal 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 Skin Sens. 1B :May cause an allergic skin reaction.
Eye Irrit. 2A :Causes serious eye irritation.

2.2 Label elements

Product Name According to US CFR 1910.1200
Waterproof Patch and Seal Paste – White

Hazard Pictogram(s)



Signal Word(s) GHS07
Warning



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Hazard Statement(s)	H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P261: Avoid breathing fume. P280: Wear protective gloves/eye protection. P302+P352: IF ON SKIN: Wash with plenty of water. 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)
Titanium dioxide	13463-67-7	<5	Not classified	None
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	1-3	Skin Sens. 1B H317 Eye Dam. 1 H318 Acute Tox. 4 H332 STOT RE 2 H373	GHS05 GHS08 GHS07
Diamid Wax Mixture	Proprietary	1-3	Skin Sens. 1 H317 Combustible dust HCS002	GHS07
Trimethoxyvinylsilane	2768-02-7	1-2	Flam. Liq. 3 H226 Acute Tox. 4 H332	GHS02 GHS07
Light Stabilizer	Proprietary	<0.5	Skin Sens. 1 H317	GHS07
Methanol	67-56-1	<0.2	Flam. Liq. 2 H225 Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331 STOT SE 1 H370	GHS02 GHS06 GHS08
Quartz (SiO ₂)	14808-60-7	<0.2	Not classified	None
Carbendazim	10605-21-7	<0.1	Skin Sens. 1 H317 Muta. 1B H340 Repr. 1B H360	GHS08 GHS07
Diocetyl tin oxide	870-08-6	<0.1	STOT SE 2 H371	GHS08
(2-methoxymethylethoxy)propanol	34590-94-8	<0.1	Flam. Liq. 4 H227	None
3-iodo-2-propynyl butylcarbamate	55406-53-6	<0.05	Acute Tox. 4 H302 Skin Sens. 1 H317	GHS06 GHS05



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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid breathing fume. Wear appropriate personal protective equipment, avoid direct contact. Contaminated work clothing should not be allowed out of the workplace.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Contain spillages with 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

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Avoid breathing fume. Wear protective gloves/eye protection. Wash hands and exposed skin thoroughly after handling. Take off contaminated clothing and wash it before reuse.

7.2 Conditions for safe storage, including any incompatibilities

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

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/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
n-Hexane (Hexane)	110-54-3	50	176			ACGIH TLV, Skin
n-Hexane	110-54-3	50				OSHA PEL
n-Hexane (Hexane)	110-54-3	50	180			NIOSH REL Z-1
n-Hexane	110-54-3	500	1800			OSHA PEL 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)



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Methanol (Methyl alcohol)	67-56-1	200	260			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)
Tin, organic compounds, as Sn	870-08-6		0.1		0.2	ACGIH TLV, Skin, A4
Tin, organic compounds, as Sn	870-08-6		0.1		0.2	OSHA PEL
Tin, organic compounds (as Sn) (except cyhexatin)	870-08-6		0.1			NIOSH REL Z-1, (S)
Tin, organic compounds (as Sn)	870-08-6		0.1			OSHA PEL Z-1
Titanium dioxide	13463-67-7		10			ACGIH TLV, A4
Titanium dioxide, nanocat particles	13463-67-7		0.2			ACGIH TLV, NIC, R, A3
Titanium dioxide, finescale particles	13463-67-7		2.5			ACGIH TLV, NIC, R, A3
Titanium dioxide - Total dust	13463-67-7		10			OSHA PEL
Titanium dioxide	13463-67-7					NIOSH REL Z-1, Ca
Titanium dioxide (Total dust)	13463-67-7		15			OSHA PEL Z-1
Dipropylene glycol methyl ether (DPGME)	34590-94-8	100	606	150	909	ACGIH TLV, Skin
Dipropylene glycol methyl ether (DPGME)	34590-94-8	50	303			ACGIH TLV, NIC
Dipropylene glycol methyl ether	34590-94-8	100		150		OSHA PEL
Dipropylene glycol methyl ether (DPGME)	34590-94-8	100	600	150	900	NIOSH REL Z-1, (S)
Dipropylene glycol methyl ether (DPGME)	34590-94-8	100	600			OSHA PEL Z-1, (SK)

Remark	Notes
ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®), 2021
Skin	Danger of cutaneous absorption
OSHA PEL	Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs), 2019
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, 2021
OSHA PEL Z-1 (S)	Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table, 2021
R	Measured as respirable fraction of the aerosol.
A2	Suspected Human Carcinogen



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- 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)/% SiO2 + 2 OR 250 mppcf (respirable dust)/% SiO2 + 5 OR 10 mg/m3 (respirable dust)/% SiO2 + 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 SiO2 +2.
- (3f) The PEL in mppcf is calculated by dividing by the percentage SiO2 +5.
- A4 Not Classifiable as a Human Carcinogen
- NIC Notice of intended changes
- A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans
- (SK) Danger of cutaneous absorption

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
n-Hexane	110-54-3	End of shift	urine	2,5-Hexanedione	0.5 mg/L	**
Methanol	67-56-1	End of shift	urine	Methanol	15 mg/L	B, Ns

- Remark Notes
- ** without hydrolysis; n-hexane, methyl n-butyl ketone and trichloroethylene.
- b After exposure to soluble compounds
- B Background
- Ns Nonspecific

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection Wear suitable eye/face protection.



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



Respiratory protection Normally no personal respiratory protection is necessary.

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Thermal hazards

Not applicable.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Viscous paste. Color : White.
Odor	Slight.
Odor threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not applicable.
Evaporation rate	Not known.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not applicable.
Vapor pressure	Not known.
Vapor density	Not applicable.
Density (g/ml)	13.48 lbs/gal
Relative density	1.62
Solubility(ies)	Solubility (Water) : Insoluble. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not applicable.
Decomposition Temperature (°C)	Not known.
Viscosity	15M cP
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

**Waterproof Patch and Seal Paste – White****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

Heat and direct sunlight.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Acute toxicity - Ingestion

Low oral toxicity.

Calculated acute toxicity estimate (ATE): 55869.04000

Acute toxicity - Skin Contact

Low acute toxicity.

Calculated acute toxicity estimate (ATE): 174024.02000

Acute toxicity - Inhalation

Low acute toxicity.

Calculated acute toxicity estimate (ATE): 33.36000

Skin corrosion/irritation

Non-irritant.

Serious eye damage/irritation

Causes serious eye irritation. No data.

Skin sensitization data

May cause an allergic skin reaction. No data.

Respiratory sensitization data

Not classified.

Germ cell mutagenicity

There is no evidence of mutagenic potential.

Carcinogenicity

No evidence of carcinogenicity.

Reproductive toxicity

No evidence of reproductive effects.

Lactation

Not classified.

STOT - single exposure

None anticipated.

STOT - repeated exposure

None anticipated.

Aspiration hazard

Not classified.

11.2 Other information

Not known.

**Waterproof Patch and Seal Paste – White****SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

	Harmful to aquatic life with long lasting effects.
Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

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

Not 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

**Waterproof Patch and Seal Paste – White****SECTION 15: REGULATORY INFORMATION****15.1 US Federal Regulations**

Toxic and hazardous substances (29 CFR 1910; Subpart Z)	Listed : 110-54-3, 67-56-1, 14808-60-7, 13463-67-7, 34590-94-8
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 : 110-54-3 (Active), 67-56-1 (Active), 2768-02-7 (Active), 14808-60-7 (Active), 1760-24-3 (Active), 870-08-6 (Active), 13463-67-7 (Active), 10605-21-7 (Active), 34590-94-8 (Active), 55406-53-6 (Active)
CAA 602 - Ozone Depleting Substances (ODS)	Not listed

15.2 US State Regulations

State Right to Know Lists	
Proposition 65 (California)	Listed : 110-54-3, 67-56-1, 14808-60-7, 13463-67-7
Minnesota	Listed : 110-54-3, 67-56-1, 14808-60-7, 870-08-6, 13463-67-7, 34590-94-8
New Jersey	Listed : 110-54-3, 67-56-1, 14808-60-7, 13463-67-7, 10605-21-7, 34590-94-8, 55406-53-6
Pennsylvania	Listed : 110-54-3, 67-56-1, 14808-60-7, 13463-67-7, 34590-94-8
Rhode Island	Listed : 110-54-3, 67-56-1, 14808-60-7, 13463-67-7, 34590-94-8

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 : 14808-60-7, 13463-67-7

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 3, 8-9, 11-12, 15-16

LEGEND

Hazard Pictogram(s)



GHS07
GHS02: GHS: Flame
GHS05: GHS: Corrosion
GHS06: GHS: Skull and crossbones

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GHS08: GHS: Health hazard

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2
Flam. Liq. 3 : Flammable liquid, Category 3
Flam. Liq. 4 : Flammable liquid, Category 4
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
Skin Sens. 1 : Skin sensitization, Category 1
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
Muta. 1B : Germ cell mutagenicity, Category 1B
Repr. 1B : Reproductive toxicity, Category 1B
Repr. 2 : Reproductive toxicity, Category 2
STOT SE 1 : Specific target organ toxicity — single exposure, Category 1
STOT SE 2 : Specific target organ toxicity — single exposure, Category 2
STOT RE 1 : Specific target organ toxicity — repeated 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.
H227: Combustible liquid
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H332: Harmful if inhaled.
H336: May cause drowsiness or dizziness.
H340: May cause genetic defects.
H360: May damage fertility or the unborn child.
H361: Suspected of damaging fertility or the unborn child.
H370: Causes damage to organs.
H371: May cause damage to organs.
H372: Causes damage to organs through prolonged or repeated exposure.
H373: May cause damage to organs through prolonged or repeated exposure.
HCS002: May form combustible dust concentrations in air.



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Precautionary Statement(s)

P261: Avoid breathing fume.
P264: Wash hands and exposed skin thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/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 contact lenses, if present and easy to do. Continue rinsing.
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.
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 US CFR 1910.1200 data used to compile the SDS

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose.

The Gorilla Glue Company gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law.

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