



T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier	Glue Seal White
Item number	T134
UFI	UC00-C0QR-700N-8C9N
1.2 Relevant identified uses of the substance or mixture and uses advised against	Is a one-component MS-Polymer that is solvent-free. It both glues and seals most materials. Glue Seal can withstand both tension, pressure and vibration. Can also be overpainted.
1.3 Details of the supplier of the safety data sheet	GSON EUROPE AB
Address	Nastagatan 9 SE-70227 Örebro
Homepage	www.gson.se
E-mail	info@gsoneurope.se
Telephone	+46(0)19-185545
1.4 Emergency telephone number	Swedish poison information (in less acute cases during office hours) +46(0)10-4566700

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification CLP (1272/2008/EC)

EUH208

EUH211

2.2 Label elements

Pictogram

None

Signal Word: None

Contents

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Hazard statement Code(s)

None.

Supplemental hazard information

EUH208: Contains Trimethoxyvinylsilane, N-(3-(trimethoxysilyl) propyl)ethylenediamine. May produce an allergic reaction

EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Precautionary statements

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P501: Dispose of contents/container to an authorized waste treatment plant in accordance with local/national regulation.

2.3 Other hazards

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.



T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Components	CAS-No EC-No Reg-No	Conc. %	Hazard Class & Category Code*	Hazard statement Code(s)*
Titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]	13463-67-7 236-675-5 01-2119489379-17	2,5-<5	Carc. 2	H351
Trimethoxyvinylsilane; Index: 014-049-00-0	2768-02-7 220-449-8 01-2119513215-52	<1	Flam. Liq. 3 Skin Sens. 1B	H226 H317
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3 217-164-6 01-2119970215-39	<1	Eye Dam. 1 Skin Sens. 1	H318 H317
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	258-207-9 01-2119537297-32	<1	Eye Dam. 1 Repr.2 Aquatic Acute 1 Aquatic Chronic 2	H318 H361f H400 H411

* The full text of Hazard statement Codes are listed under section 16.

The classification is based on data from the chemical supplier and www.echa.europa.eu (databases)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.

Never give fluids or induce vomiting if patient is unconscious. Keep person warm and calm.

Keep person warm and calm.

Inhalation

Fresh air and rest. In case of difficulty breathing, give respiratory assistance and consult a doctor.

Skin contact

Immediately, take off all contaminated clothing wash with soap and water and rinse the skin thoroughly. Never use thinner or solvent. Contact a doctor if the complaints persist.

Eye contact

Rinse with lukewarm water for several minutes. Hold eyelids apart. Remove contact lenses, if present and easy to do. Contact a doctor if the complaints persist.

Ingestion

Rinse mouth with water and drink plenty of water. Go to hospital/doctor.



T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 4: First aid measures (...)

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	May be irritating by inhalation. (Irritations, cough). Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Skin contact:	May be irritating at skin contact (Pain, redness). Contains a substance which may cause allergies in skin contact for sensitive persons.
Eye contact:	May be irritating to eyes. (Pain, redness)
Ingestion:	Ingestion may cause discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Not flammable. Select extinguishing media appropriate to surrounding fire. For example Powder.

Unsuitable extinguishing media: Strong water jet.

5.2 Special hazards arising from the substance or mixture

Do not breath fumes as during fire, thick smoke and hazardous fumes may be formed.

5.3. Advice for firefighters

Use an appropriate breathing apparatus and protective suites.

Additional information

Cool endangered containers with water in case of fire. Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Ensure adequate ventilation, do not breathe spray or mist.

Prevent the formation of flammable vapor-air mixtures, either through ventilation or the use of an inert medium

Take precautionary measures against static discharges.

Remove all sparks and heat sources.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Re-use product if possible. Small quantities may be wiped up with a cloth. Contain larger spill with inert material. Absorb in vermiculite or dry sand.

6.4 Reference to other sections

See section 7 for proper handling and storage.

For personal protection see section 8.

For disposal of spillage, see section 13.



T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Follow handling instructions. Use personal protective equipment.

Avoid contact with skin and eyes.

Ensure adequate ventilation, do not breathe spray or mist.

Always store the product in the same material as the original material on the package.

7.2 Conditions for safe storage, including any incompatibilities

Store tightly closed at temperatures between 5-30 ° C for a maximum of 6 months.

Store the product tightly closed in a dry, cool and well-ventilated area.

Store away from sources of ignition, sparks, sunlight, static electricity and foodstuffs.

7.3 Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Appropriate engineering controls

Provide adequate ventilation

Swedish limit values or limit values according to the European commission

Ämne	CAS-nr	NGV	KGV	Anm.
Titandioxid - Total dust	13463-67-7	5 mg/m ³	-	-

British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS number	Long-term exposure limit	Short-term exposure limit	Comments
Titanium dioxide total inhalable respirable	13463-67-7	10 mg/m ³ 4 mg/m ³	-	-

DNEL

Trimethoxyvinylsilane (2768-02-7)	Long-term exposure – Employees Systematic effects, Dermal: 3,9 mg/kg Long-term exposure – Employees Systematic effects, Inhalation; 27,6 mg/m ³ Long-term exposure – Consumers Systematic effects, Oral: 0,3 mg/kg Long-term exposure – Consumers Systematic effects, Dermal: 7,8 mg/kg Long-term exposure – Consumers Systematic effects, Inhalation: 18,9 mg/m ³
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T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 8: Exposure controls/personal protection (...)

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	Long-term exposure – Employees Systematic effects, Dermal: 0,5 mg/kg Long-term exposure – Employees Systematic effects, Inhalation: 0,68 mg/m ³ Long-term exposure – Consumers Systematic effects, Oral: 0,05 mg/kg Long-term exposure – Consumers Systematic effects, Dermal: 0,25 mg/kg Long-term exposure – Consumers Systematic effects, Inhalation: 0,17 mg/m ³
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DNEL

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	25 mg/l	STP
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	0,009 mg/kg	Soil
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	0,62 mg/l	Intermittent releases
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	0,062 mg/l	Freshwater
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	0,0062 mg/l	Saltwater
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	0,22 mg/kg	Sediment freshwater)
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	0,02 mg/kg	Sediment (saltwater)
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	1 mg/l	STP
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	5,9 mg/kg	Soil
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	0,07 mg/l	Intermittent releases
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	0,019 mg/l	Freshwater
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	0,002 mg/l	Saltwater
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	29 mg/kg	Sediment(freshwater)
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	2,9 mg/kg	Sediment (saltwater)

8.2 Exposure controls**General protective and hygiene measures**

Wash hands before breaks and after work.

The usual precautionary measures for the handling of chemicals have to be observed.

Individual protection measures, such as personal protective equipment

Always consult a competent person/supplier when selecting personal protective equipment

Respiratory protection

In case of insufficient ventilation or if there is a risk of inhalation of spray mist, wear suitable respiratory equipment.

Hand protection

Use chemical-resistant gloves. (For example Nitrilrubber, PVC) EN 420:2003+A1:2009.

Eye protection

Wear protective goggles if there is a risk of splash, EN 166:2001, EN 172:1994/A1:2000, EN 172:1994/A2:2001, EN ISO 4007:2012.

Body protection

Wear suitable protective clothing. EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.

Wear non-slip work shoes. EN ISO 20345:2012, EN 13832-1:2007.



T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	White
Odour	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	340
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	>60
Auto-ignition temperature	295
Decomposition temperature	Not determined
pH	Not determined
Kinematic viscosity	Not determined
Solubility	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	5 Pa
Density and/or relative density	1,548498
Relative vapour density	Not determined
Particle characteristics	Not determined

9.2 Other information: No specific.

V.O.C: 0,75% weight. V.O.C density: 11,61 kg/m³. Molmass: 179,3 g/mol

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions.

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

Strong acids, alkalis and strong bases.

10.6 Hazardous decomposition products

None known.



T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

See section 4 as well. (Most important symptoms and effects, both acute and delayed)

Inhalation

Not classified as irritating / corrosive by inhalation according to CLP.

Skin contact

Not classified as irritating / corrosive in contact with skin according to CLP.

Eye contact:

Not classified as irritating / corrosive in case of eye contact according to CLP.

Ingestion:

Not classified as irritating / corrosive if swallowed according to CLP.

Toxicology data

Information/data about this preparation is not available.

Toxicological data from animal experiments regarding relevant constituent substances:

Titaniumdioxid (13463-67-7)	LD ₅₀ Oral Rat: 10000 mg/kg LD ₅₀ Dermal Rabbit: 10000 mg/kg
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	LD ₅₀ Oral Rat: >5000 mg/kg
Trimethoxyvinylsilane (2768-02-7)	LD ₅₀ Oral Rat: 7236 mg/kg LD ₅₀ Dermal Rabbit: 3880 mg/kg
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	LD ₅₀ Oral Rat: 3700 mg/kg

STOT-single exposure -repeated exposure.

No known

Routes of exposure

Inhalation, eyes and skin (ingestion).

Allergenic potential

This product is not classified as allergenic by inhalation or skin contact but it contains a small amount of N-(3-(trimethoxysilyl)propyl)ethylenediamine & Trimethoxyvinylsilane which may cause an allergic reaction in persons sensitive to these substances.

Carcinogenicity, mutagenicity and toxicity for reproduction

This product is not classified as carcinogen, mutagen and toxic for reproduction.

Aspiration hazard

None.

11.2. Information on other hazards

No known.



T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 12: Ecological information

This product is not classified as dangerous for the environment.

Prevent uncontrolled discharges to the sewer system.

12.1 Toxicity

Information about this preparation is not available.

Toxicology data for the containing components:

Trimethoxyvinylsilane (2768-02-7)	LC ₅₀ Fish 96h: 191 mg/l <i>Oncorhynchus mykiss</i> EC ₅₀ Daphnia 48h: 167 mg/l EC ₅₀ Algae 72h: 957 mg/l NOEC Daphnia: 28,1 mg/l
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	LC ₅₀ Fish 96h: 597 mg/l <i>Brachydanio Rerio</i> EC ₅₀ Daphnia 48h: 81 mg/l EC ₅₀ Algae 72h: 8,8 mg/l <i>Selenastrum capricornutum</i>
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	LC ₅₀ Fish 96h: 5,3 mg/l <i>Oryzias latipes</i> EC ₅₀ Daphnia 48h: 8,6 mg/l EC ₅₀ Algae 72h: 8,8 mg/l <i>Pseudokirchneriella subcapitata</i> NOEC Daphnia: 0,23 mg/l

12.2 Persistence and degradability

Trimethoxyvinylsilane (2768-02-7) – 51% at 28d.

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3) – 39% at 28d.

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9) 29% at 28d

12.3 Bioaccumulative potential

No information available

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

12.6. Endocrine disrupting properties

No known.

12.7. Other adverse effects

No known.



Safety Data Sheet

Page 9 of 10

According to (EC) No. 1907/2006 annex II and (EC) 830/2015

T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This product or residues of this product are not classified as hazardous waste.

Dispose of in accordance with local authority requirements.

EWG- code: Depends on line of business and use, for example:

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09.

Disposal of Packaging

Well cleaned packaging could be left for recycling

SECTION 14: Transport information

The product is not classified as dangerous goods according to ADR/RID, IMDG, DGR.

14.1. UN number or ID number

-

14.2 UN proper shipping name

-

14.3 Transport hazard class(es)

-

14.4 Packing group

-

14.5 Environmental hazards

Marine Pollutant: No

14.6 Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

-

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Classification according to CLP (1272/2008/EC)

Reach (1907/2006/EC)

Substances on the Candidate list (1907/2006 / EC) None.

Substances on the List of Permits Annex XIV by REACH: None

Substances of (1005/2009 EC) Substances that deplete the ozone layer: None.

Substances of Annex 1 528/2012 EC: None

Substances of 649/2012 Eg concerning import and export of dangerous chemical substances:
None

List of Restrictions, Annex XVII to REACH:

Contains 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich.

15.2 Chemical safety assessment

None.



T134 Glue Seal White

GSON EUROPE

Date: 2022-05-24 Ver.2

SECTION 16: Other information

The full text of Hazard statement Codes listed under section 3:

H226: Flammable solid.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H351: Suspected of causing cancer.
H361f: Suspected of damaging fertility.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

This information is provided for health and safety assessments by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation.

Sources

Safety data sheet provided by the manufacturer. CLP-regulation, www.kemi.se,
www.echa.europa.eu (Databases)

Version 1: 2013-04-30

Version 2: 2022-05-25. Safety data sheet according to Regulation (EC) No. 1907/2006 annex II (EC/2020/878) and (EC) 830/2015

Abbreviations explanations

ADR: :International Carriage of Dangerous Goods by Road
BCF: Bio Concentration Factor
CAS-nr: Chemical Abstracts Service number
DNEL: Derived No Effect Level
EC₅₀: Effect Concentration
EG-nr: A substance number i Einecs, Elincs or in No-Longer Polymers List.
IMDG: International Maritime Dangerous Goods Code.
LC₅₀: Lethal Concentration
LD₅₀: Lethal Dose
IC₅₀: Median Inhibition Concentration
NOEC: No Observed Effect Concentration
PBT-substance: Persistent, Bio accumulative and Toxic substances.
PNEC: Predicted No Effect Concentration
vPvB-substance; Very persistent and Very Bio accumulative substances.