



## T128 Glue Seal Clear

**GSON EUROPE**

Date: 2022-05-25 Ver.1

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

<b>1.1 Product identifier</b>	Glue Seal Clear
<b>Item number</b>	T128
<b>UFI</b>	2500-C0AX-M00N-XP4H
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Glue Seal Clear is a one-component MS-Polymer for gluing and sealing many different materials.
<b>1.3 Details of the supplier of the safety data sheet</b>	GSON EUROPE AB
<b>Address</b>	Nastagatan 9 SE-70227 Örebro
<b>Homepage</b>	www.gson.se
<b>E-mail</b>	info@gsoneurope.se
<b>Telephone</b>	+46(0)19-185545
<b>1.4 Emergency telephone number</b>	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)

Hazardous to the aquatic environment - Chronic Hazard, Category 3; H412

EUH208

#### 2.2 Label elements

##### Pictogram

None

**Signal Word:** None

##### Contents

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate.

##### Hazard statement Code(s)

H412: Harmful to aquatic life with long lasting effects.

##### Supplemental hazard information

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

##### Precautionary statements

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

P102: Keep out of reach of children.

P273: Avoid release to the environment.

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.



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### 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)*
Trimethoxyvinylsilane Index: 014-049-00-0	2768-02-7 220-449-8 01-2119513215-52	0,25 - <1	Flam. Liq. 3 Skin Sens 1B	H226 H317
N-(3-(trimethoxysilyl) propyl)ethylenediamine	1760-24-3 217-164-6 01-2119970215-39	0,25 - <1	Eye Dam. 1 Skin Sens. 1	H318 H317
Bis(1,2,2,6,6-pentamethyl- 4-piperidyl) [[3,5-bis(1,1- dimethylethyl)-4- Self- classified hydroxyphenyl]methyl]bu tylmalonate	63843-89-0 264-513-3 01-211997821-37	<0,25	Acute Tox. 4 Aquatic Chronic. 1 STOT RE 2	H302 H410 H373

\* 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](http://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. Keep person warm and calm.

Never give fluids or induce vomiting if patient is unconscious.

##### 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. 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

Do not provoke vomiting. Rinse mouth with water and drink several glasses of water. Go to hospital/doctor.



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### **SECTION 4: First aid measures (...)**

#### **4.2 Most important symptoms and effects, both acute and delayed**

<b>Inhalation:</b>	May be irritating by inhalation. (Irritations, cough).
<b>Skin contact:</b>	May be irritating at skin contact (Pain, redness). Contains a substance which may cause allergies in skin contact for sensitive persons.
<b>Eye contact:</b>	May be irritating to eyes. (Pain, redness)
<b>Ingestion:</b>	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. Fire residues and contaminated water should be disposed of in accordance with local regulations. Avoid release to the environment.

### **SECTION 6: Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Follow handling instructions.

Ensure adequate ventilation. Remove all ignition sources.

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

#### **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.



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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Use personal protective equipment. Follow handling instructions.

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Avoid evaporation of the product as it contains flammable substances that can form flammable vapor / air mixtures in the presence of sources of ignition.

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.
-	-	-	-	-

##### British limit values (EH40/2005 Workplace exposure limits)

Substance	CAS number	Long-term exposure limit	Short-term exposure limit	Comments
-	-	-	-	-

#### 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 <sup>3</sup> 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 <sup>3</sup>
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### SECTION 8: Exposure controls/personal protection (...)

<b>Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)</b>	Long-term exposure – Employees Systematic effects, Dermal: 0,07 mg/kg Long-term exposure – Employees Systematic effects, Inhalation: 0,05 mg/m <sup>3</sup> Long-term exposure – Consumers Systematic effects, Oral: 0,003 mg/kg Long-term exposure – Consumers Systematic effects, Dermal: 0,033 mg/kg Long-term exposure – Consumers Systematic effects, Inhalation: 0,01 mg/m <sup>3</sup>
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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)	0,006 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)	0,022 mg/kg	Sediment (saltwater)
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)	1 mg/l	STP
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)	1 mg/kg	Soil
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)	0,61 mg/l	Intermittent releases
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)	0 mg/l	Freshwater
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)	0 mg/l	Saltwater
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)	504,4 mg/kg	Sediment (freshwater)
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)	50,44 mg/kg	Sediment (saltwater)



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

#### 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 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018.

##### Eye protection

Wear protective goggles if there is a risk of splash, EN 166:2002, EN ISO 4007:2018.

##### 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 20347:2012, EN ISO 20344:2011.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colorless
Odour	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	376
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point	>60
Auto-ignition temperature	245
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	1,065
Relative vapour density	Not determined
Particle characteristics	Not determined

#### 9.2 Other information: No specific.

V.O.C: 1,01% weight. V.O.C density: 10,81 kg/m<sup>3</sup>. Molmass: 178,93 g/mol



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### 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

Avoid direct sunlight, high temperatures.

#### 10.5 Incompatible materials

Avoid strong acids, strong alkalis and strong bases.

#### 10.6 Hazardous decomposition products

None known.

### 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:

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)	LD <sub>50</sub> Oral Rat: >5000 mg/kg
Trimethoxyvinylsilane (2768-02-7)	LD <sub>50</sub> Oral Rat: 7236 mg/kg LD <sub>50</sub> Dermal Rabbit: 3880 mg/kg
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4- Self-classified hydroxyphenyl]methyl]butylmalonate (63843-89-0)	LD <sub>50</sub> Oral Rat: 1490 mg/kg LD <sub>50</sub> Dermal Rabbit: 3170 mg/kg





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### SECTION 11: Toxicological information (...)

**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 Trimethoxyvinylsilane, & N-(3-(trimethoxysilyl) propyl)ethylenediamine 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.

### SECTION 12: Ecological information

This product is classified as dangerous for the environment or harmful to aquatic life with long lasting effects.

Prevent uncontrolled discharges to the sewer system.

**12.1 Toxicity**

Information about this preparation is not available.

**Toxicology data for the containing components:**

<b>N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)</b>	LC <sub>50</sub> Fish 96h: 597 mg/l Brachydanio Rerio EC <sub>50</sub> Daphnia 48h: 81 mg/l EC <sub>50</sub> Alga 72h: 8,8 mg/l Selenastrum capricornutum
<b>Trimethoxyvinylsilane (2768-02-7)</b>	LC <sub>50</sub> Fish 96h: 191 mg/l Oncorhynchus mykiss EC <sub>50</sub> Daphnia 48h: 167 mg/l EC <sub>50</sub> Alga 72h: 957 mg/l NOEC Daphnia: 28,1 mg/l
<b>Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0)</b>	LC <sub>50</sub> Fish 96h: >0.1-1 mg/l EC <sub>50</sub> Daphnia 48h: >0.1-1 mg/l EC <sub>50</sub> Alga 72h: >0.1-1 mg/l NOEC Daphnia: 0,002 mg/l

**12.2 Persistence and degradability**

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

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

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butylmalonate (63843-89-0) – 2% at 28d.





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### SECTION 12: Ecological information

#### 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.

### 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 09\* waste adhesives and sealants containing organic solvents or other hazardous substances.

#### 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

-



## T128 Glue Seal Clear

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### 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.

### SECTION 16: Other information

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

H226: Flammable solid.

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H373: May cause damage to organs.

H410: Very 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](http://www.kemi.se),  
[www.echa.europa.eu](http://www.echa.europa.eu) (Databases)

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### SECTION 16: Other information (...)

#### 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

EC<sub>50</sub>: Effect Concentration

EG-nr: A substance number i Einescs, Elincs or in No-Longer Polymers List.

IMDG: International Maritime Dangerous Goods Code.

LC<sub>50</sub>: Lethal Concentration

LD<sub>50</sub>: Lethal Dose

IC<sub>50</sub>: 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.