



# T146 Turbo polymer White

**GSON EUROPE**

Date: 2022-05-25 Ver.1

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

1.1 Product identifier	Turbo Polymer White
Item number	T146
UFI	J300-U0NJ-A005-8AJF
1.2 Relevant identified uses of the substance or mixture and uses advised against	Glue
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.



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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)*
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	- 927-632-8 01-2119457736-27	2,5-<5	Asp. Tox. 1 EUH066	H304
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide) Index: 616-200-00-1	- 432-430-3 01-0000017860-69	2,5-<5	Aquatic chronic 4	H413
Trimethoxyvinylsilane	2768-02-7 220-449-8 01-2119513215-52-xxxx	<1	Flam Liq. 3 Skin Sens. 1B	H226 H317
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3 217-164-6 01-2119970215-39-xxxx	< 1	Eye Dam. 1 Skin Sens. 1	H318 H317
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	52829-07-9 258-207-9 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](http://www.echa.europa.eu) (databases)



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### 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.

##### Inhalation

Remove to fresh air.

##### Skin contact

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

Rinse mouth with water and drink plenty of water. Do not provoke vomiting.

Go to hospital/doctor.

#### 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 breathe fumes as during fire, thick smoke and hazardous fumes may be formed.

#### 5.3. Advice for firefighters

Use an appropriate breathing apparatus and protective suits.

#### Additional information

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



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### SECTION 6: Accidental release measures

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

Insulate leaks, as long as it does not pose a risk to the person performing it.

Personal protective equipment must be used for any contact with spills from the product.

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 drains, lakes / streams or groundwater.

#### 6.3 Methods and material for containment and cleaning up

Re-use product if possible. Contain spill with inert material. Absorb in non-combustible absorbent material e.g. 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.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Normal precautions taken when handling chemicals should be observed.

Personal protective equipment must be used.

Take precautionary measures against static discharges and other ignition sources.

Do not eat, drink or smoke when handling the product. Store away from foodstuff.

Wash hands and face during work breaks and at the end of the shift after contact with product.

#### 7.2 Conditions for safe storage, including any incompatibilities

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

Min. Temp: 5 °C

Max. Temp: 30°C

Max. Time: 6 months.

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

Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide) (432-430-3)	Long-term exposure – Employees Systematic effects, Dermal: 10 mg/kg Long-term exposure – Employees Systematic effects, Inhalation: 35,24 mg/m <sup>3</sup> Long-term exposure – Consumers Systematic effects, Oral: 5 mg/kg
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>
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 <sup>3</sup> 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 <sup>3</sup>



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

#### PNEC

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)
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	100 mg/l	STP
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	52,1 mg/k	Soil
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	3,7 mg/l	Intermittent releases



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

#### PNEC

Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	0,2222 g/kg	Oral
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	0,009 mg/l	Freshwater
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	0,001 mg/l	Freshwater
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	0,001 mg/l	Saltwater
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	384 mg/kg	Sediment (freshwater)
Reaction mass of N,N'-ethane-1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide) (432-430-3)	38,4 mg/kg	Sediment (saltwater)

#### 8.2 Exposure controls

##### General protective and hygiene measures

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

Provide eyewash station and emergency shower.

##### 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.



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### 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	226
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	9 Pa
Density and/or relative density	1,574
Relative vapour density	Not determined
Particle characteristics	Not determined

#### 9.2 Other information: No specific.

V.O.C: 0,99% weight. V.O.C density: 15,58 kg/m<sup>3</sup>. 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

No known under recommended storage and handling conditions

#### 10.4 Conditions to avoid

None known.

#### 10.5 Incompatible materials

Strong acids, alkalis and strong bases.

#### 10.6 Hazardous decomposition products

No known under recommended storage and handling conditions





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**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:**

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	LD <sub>50</sub> Oral: >5000 mg/kg
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(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	LD <sub>50</sub> 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.

**T146 Turbo polymer White****GSON EUROPE****Date: 2022-05-25 Ver.1****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:**

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

No information available

**12.6. Endocrine disrupting properties**

No known.

**12.7. Other adverse effects**

No known.



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### 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)

#### 15.2 Chemical safety assessment

None.



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**SECTION 16: Other information****The full text of Hazard statement Codes listed under section 3:**

H226: Flammable solid.  
H304: May be fatal if swallowed and enters airways.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H361: 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](http://www.kemi.se),  
[www.echa.europa.eu](http://www.echa.europa.eu) (Databases)

**Version 1:** 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  
EC<sub>50</sub>: Effect Concentration  
EG-nr: A substance number i Einecs, 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.