

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 23.02.2022

Version number 3 (replaces version 1)

Revision: 22.02.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** POINT 103
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Sealant
Construction chemicals
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
- **UAB TEGRA STATE**
- Savanoriu ave.178A, LT-03154 Vilnius, LITHUANIA
- Tel.:+37052661167
- www.tegrastate.eu
- E-mail: info@tegragroup.eu
- **1.4 Emergency telephone number:** European emergency number: 112 (24h)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**
Keep out of reach of children.
EUH208 Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine, Dioctylinbis(acetylacetonate), Aminopropyltriethoxysilane, bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 1760-24-3 EINECS: 217-164-6 Reg.nr.: 01-2119970215-39-XXXX	N-(3-(trimethoxysilyl)propyl)ethylenediamine ☠ Eye Dam. 1, H318; ☠ Skin Sens. 1B, H317; STOT SE 3, H335	<1.0%
CAS: 54068-28-9 ELINCS: 483-270-6 Reg.nr.: 01-0000020199-67-0000	Dioctylinbis(acetylacetonate) ☠ STOT SE 2, H371; ☠ Skin Sens. 1, H317	<1.0%
CAS: 919-30-2 EINECS: 213-048-4 Reg.nr.: 01-2119480479-24-XXXX	Aminopropyltriethoxysilane ☠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ☠ Acute Tox. 4, H302; Skin Sens. 1, H317	<0.5%

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Trade name: POINT 103 Клей-герметик КАМЕНЬ Ultra Polymer

CAS: 41556-26-7 EINECS: 255-437-1	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Sens. 1, H317	(Contd. of page 1) <0.25%
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- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
Wash with plenty of water or water and soap. In cases of sickness seek medical advice (show label if possible).
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet.
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Nitrogen oxides (NO_x).
Carbon monoxide (CO).
Carbon dioxide (CO₂).
Silicon dioxide
Product during a fire will produce dense black smoke.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Mouth respiratory protective device.
Wear fully protective suit.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Remove persons from danger area.
Keep people at a distance and stay on the windward side.
Ensure adequate ventilation.
- **6.2 Environmental precautions:**
Do not allow to enter sewers / surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Keep away from heat and direct sunlight.
Protect from moisture.
Store in cool, dry place in tightly closed receptacles.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
Keep away from water and moisture.
- **Information about storage in one common storage facility:**
Store away from oxidizers.
Store away from foodstuffs.
Do not store together with alkalis (caustic solutions).
Do not store together with acids.
- **Further information about storage conditions:**
Protect from frost.
Keep container tightly sealed.
Store receptacle in a well ventilated area.
Protect from heat and direct sunlight.
Store in cool, dry conditions in well sealed receptacles.
Protect from humidity and water.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs**

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

Oral	DNEL	2.5 mg/kg/Tag (General population, consumers)
Dermal	DNEL	2.5 mg/kg/Tag (General population, consumers) 5 mg/kg/Tag (Workers)
Inhalative	DNEL	8.7 mg/m ³ (General population, consumers) 35.3 mg/m ³ (Workers)

CAS: 2768-02-7 trimethoxyvinylsilane

Oral	DNEL	0.1 mg/kg/Tag (General population, consumers)
Dermal	DNEL	0.1 mg/kg/Tag (General population, consumers) 0.2 mg/kg/Tag (Workers)
Inhalative	DNEL	0.7 mg/m ³ (General population, consumers) 2.6 mg/m ³ (Workers)

CAS: 54068-28-9 Dioctyltinbis(acetylacetonate)

Dermal	DNEL	0.07 mg/kg/Tag (Workers)
Inhalative	DNEL	84 mg/m ³ (Workers)

CAS: 919-30-2 3-aminopropyltriethoxysilane

Dermal	DNEL	5 mg/kg/Tag (General population, consumers) 8.3 mg/kg/Tag (Workers)
Inhalative	DNEL	17.4 mg/m ³ (General population, consumers) 59 mg/m ³ (Workers)

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· PNECs

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

(freshwater)	0.062 mg/l (Aquatic Organisms)
(sea water)	0.006 mg/l (Aquatic Organisms)
(freshwater sediments)	0.22 mg/kg (Aquatic Organisms)
(sea water sediments)	0.022 mg/kg (Aquatic Organisms)
(soil)	0.009 mg/kg (Terrestrial Organism)

CAS: 2768-02-7 trimethoxyvinylsilane

(freshwater)	0.36 mg/l (Aquatic Organisms)
(sea water)	0.036 mg/l (Aquatic Organisms)
(freshwater sediments)	1.3 mg/kg (Aquatic Organisms)
(sea water sediments)	0.13 mg/kg (Aquatic Organisms)
(soil)	0.055 mg/kg (Terrestrial Organism)

CAS: 54068-28-9 Dioctyltinbis(acetylacetonate)

(freshwater)	0.026 mg/l
(sea water)	0.003 mg/l
(freshwater sediments)	0.155 mg/kg
(sea water sediments)	0.015 mg/kg
(soil)	0.016 mg/kg

· 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
Wash hands before breaks and at the end of work.
Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Immediately remove all soiled and contaminated clothing.
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Hand protection**
EN 374



Protective gloves

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· Material of gloves

Polyethylene gloves.

Recommended thickness of the material: ≥ 0.02 mm.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

Short-term exposure ≥ 10 min (EN 374)

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection

EN 166



Safety glasses

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- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Colour:	According to product specification
· Odour:	Characteristic
· Odour threshold:	Not determined
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	Not determined
· Flammability	Not applicable
· Lower and upper explosion limit	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	Not applicable
· Auto-ignition temperature:	Product is not selfigniting
· Decomposition temperature:	Not determined
· Viscosity:	
· Kinematic viscosity	Not determined
· Dynamic:	Not determined
· Solubility	
· water:	Insoluble
· Partition coefficient n-octanol/water (log value)	Not determined
· Vapour pressure:	Not determined
· Density and/or relative density	
· Density:	Not determined
· Relative density	Not determined
· Vapour density	Not determined

· 9.2 Other information

· Appearance:	
· Form:	Paste
· Important information on protection of health and environment, and on safety.	
· Explosive properties:	Product does not present an explosion hazard
· Change in condition	
· Evaporation rate	Not determined

· Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void

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- | | |
|---------------------------|------|
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid**
Handle away from heat, ignition sources, sparks, ignition points, flames, static electricity.
Avoid direct sunlight, sources of heat and fire.
Avoid humidity.
- **10.5 Incompatible materials:** Water, alkaline materials and alcohols.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

CAS: 2768-02-7 trimethoxyvinylsilane

Oral	LD50	7,120 mg/kg (rat)
Dermal	LD50	3,200 mg/kg (rabbit)

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

Oral	LD50	2,413 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50	1.49-2.44 mg/l (rat)

CAS: 919-30-2 3-aminopropyltriethoxysilane

Oral	LD50	1,780 mg/kg (rat)
Dermal	LD50	3,800 mg/kg (rabbit)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

CAS: 41556-26-7 bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

EC50	20 mg/l (daphnia)
LC50 (static)	0.97 mg/l (fish)

- **12.2 Persistence and degradability** No further relevant information available.

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- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
 - **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dispose of in a safe manner in accordance with local / national regulations. Do not allow to enter surface or ground water. Assigning a code from the waste catalogue depends on the sector, in which the user operates, as well as on arrangements made between the waste generator and a competent environment protection department.
 - **European waste catalogue**
- | | |
|----------|-------------------|
| 15 01 02 | plastic packaging |
|----------|-------------------|
- **Uncleaned packaging:**
 - **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN number or ID number | |
| · ADR, IMDG, IATA | Not applicable |
| · 14.2 UN proper shipping name | |
| · ADR, IMDG, IATA | Not applicable |
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Not applicable |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | Not applicable |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Not applicable |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
1907/2006/CE Regulation, REACH
1272/2008/CE Regulation, CLP
2020/878/UE Regulation
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

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- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 52a

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **Other regulations, limitations and prohibitive regulations** No restriction

- **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H371 May cause damage to organs.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

- **Version number of previous version: 1**

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1