SILOXA©

EVE

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

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

1.1 Product identifier:

Product form : Mixture

Trade name : SILOXAEVEBR

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Siloxa Building Chemicals
Unit D
Three Pillars Business Park
Sutton-in-the-Isle
Cambridgeshire
CB6 2RU

1.4 Emergency telephone number: 07970287971

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Contains 3-(2-aminoethylamino)propyltrimethoxysilane, N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine, trimethoxyvinylsilane, 3-aminopropyltriethoxysilane. May produce an allergic reaction.	EUH208
Safety data sheet available on request.	EUH210
Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	EUH211

Full text of H- and and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label elements

Laboring according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH208 - Contains 3-(2-aminoethylamino)propyltrimethoxysilane, N-(2- aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine, trimethoxyvinylsilane, 3-aminopropyltriethoxysilane. May produce an allergic reaction.

EUH210 - Safety data sheet available on request.

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

2.3 Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
Mixture does not contain substance (s) classified as PBT or vPvB in concentrations above 0,1%.
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine (35141-30-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
trimethoxyvinylsilane (2768-02-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Titanium dioxide (Note W)(Note 10)	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 022-006-00-2 REACH-no: 01-2119489379-17	< 2,5	Carc. 2, H351
trimethoxyvinylsilane	CAS-No.: 2768-02-7 EC-No.: 220-449-8 EC Index-No.: 014-049-00-0 REACH-no: 01-2119513215-52	≥ 0,5 – < 1	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapour), H332 (ATE=16,8 mg/l/4h) Skin Sens. 1B, H317
3-(2-aminoethylamino)propyltrimethoxysilane	CAS-No.: 1760-24-3 EC-No.: 217-164-6 REACH-no: 01-2119970215-39	≥ 0,5 – < 1	Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine	CAS-No.: 35141-30-1 EC-No.: 252-390-9	≥ 0,5 – < 1	Eye Dam. 1, H318 Skin Sens. 1, H317
3-aminopropyltriethoxysilane	CAS-No.: 919-30-2 EC-No.: 213-048-4 EC Index-No.: 612-108-00-0 REACH-no: 01-2119480479-24	≥ 0,1 – < 0,5	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
3-(2-aminoethylamino)propyltrimethoxysilane	CAS-No.: 1760-24-3 EC-No.: 217-164-6 REACH-no: 01-2119970215-39	(2,5 ≤ C < 3) Eye Irrit. 2, H319

Note 10 - The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

Note W - It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.

Full text of H- and EUH-statements: see section 16

SECTION 4: **First aid measures**

4.1 Most important symptoms and effects, both acute and delayed

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Indication of any immediate medical attention and special treatment needed

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/effects after eye contact	: Not expected to present a significant eye contact hazard under anticipated onditions of normal use.
Symptoms/effects after ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media

Suitable extinguishing media	: All extinguishing media allowed. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: None known. Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Fire hazard	: The product is not flammable
Explosion hazard.	: Product is not explosive.

5.2 Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Firefighting measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Equip cleanup crew with proper protection.

6.1.1 For non-emergency personnel

Protective equipment	: Concerning personal protective equipment to use, see section 8.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment	: For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2 Environmental precautions

Avoid release to the environment. Collect all waste in suitable and labelled containers and dispose according to local legislation. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4 Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling : Use personal protective equipment as required. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Handling temperature : 5 – 40 °C

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels

Storage conditions Keep only in the original container in a cool well ventilated place. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : 5 – 25 °C

7.3 Specific end use(s)

Adhesives, sealants.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

Titanium dioxide (13463-67-7)	
Ireland - Occupational Exposure Limits	
OEL STEL	10 mg/m³ inhalable dust 4 mg/m³ respirable dust
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m³ inhalable dust 4 mg/m³ respirable dust

8.1.2 Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4 DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2 Exposure controls

8.2.1Appropriate engineering controls

Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

8.2.2 Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment Symbol(s)

8.2.2.1Eye and face protection

Eye protection:

Chemical goggles or safety glasses

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

8.2.2.2.Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Hand protection:

EN 166 Time of penetration is to be checked with the glove producer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear. Wear protective gloves.

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)		> 0,1		EN ISO 374

8.2.2.3. Respiratory protection

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental Exposure Controls

Consumer exposure controls:

Do not eat, drink or smoke during work. Wash hands and other exposed areas with soap and water before leaving work. Avoid contact with skin and eyes..

Other information:

Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Do not eat drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: According to product specification.
Appearance	: Paste.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not applicable
Softening point	: Not applicable
Boiling point	: Not applicable
Flammability	: Non flammable.
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: Not available
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: > 100 °C (ISO 3679)
Auto-ignition temperature	: > 235 °C (calculated value)
Decomposition temperature	: Not available
pH	: insoluble in water
Viscosity, kinematic	: > 8333,333 mm^2/s
Viscosity, dynamic	: > 10000 mPa·s (Brookfield spindle 96, 1 rpm)
Non-Newtonian liquid	: Thixotropic behaviour
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water (Log Kow)	: Not applicable for preparations
Partition coefficient n-octanol/water (Log Pow)	: Not applicable for preparations
Vapour pressure	: Does not apply
Vapour pressure at 50°C	: Not applicable.
Density	: 1,2 g/cm^3
Relative density	: 1,2
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

3-(2-aminoethylamino)propyltrimethoxysilane	
Boiling point	140 °C
Flash point	120 °C Atm. press.: 1013 hPa
Vapour pressure	0,4 Pa at 20 °C

N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine	
Vapour pressure	0,015 Pa

trimethoxyvinylsilane	
Boiling point	123 °C
Flash point	24,5 °C
trimethoxyvinylsilane	
Vapour pressure	11,9 hPa
3-aminopropyltriethoxysilane	
Vapour pressure	1,7 – 2 Pa
Titanium dioxide	
Boiling point	3000 (2500 – 3000) °C

9.2 Other information

9.2.1 Information with regard to physical hazard classes

No additional information available

9.2.2 Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known under normal conditions of use

10.2 Chemical stability

Stable at ambient temperature and under normal conditions of use. Not established.

10.3 Possibility of hazardous reactions

None under normal conditions. Not established.

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5 Incompatible materials

Strong acids. Strong bases.

10.6 Hazardous decomposition products

None under normal conditions. fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in GB CLP Regulation Acute toxicity

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

3-(2-aminoethylamino)propyltrimethoxysilane (1760-24-3)	
LD50 oral rat	2295 mg/kg
LD50 dermal rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity), Remarks on results: other:
LC50 Inhalation - Rat	1,49 – 2,44 mg/l air Animal: rat, Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity), Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine (35141-30-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	1,49 mg/l/4h
trimethoxyvinylsilane (2768-02-7)	
LD50 oral rat	7236 mg/kg
LD50 dermal rabbit	3880 mg/kg
LC50 Inhalation - Rat [ppm]	2773 ppm/4h

LC50 Inhalation - Rat (Vapours)	16,8 mg/l/4h
3-aminopropyltriethoxysilane (919-30-2)	
LD50 oral rat	2,83 ml/kg male
LC50 Inhalation - Rat [ppm]	> 5 ppm male
Titanium dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
LD50 dermal rat	> 10000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
LC50 Inhalation - Rat	> 6,82 mg/l
LC50 Inhalation - Rat (Dust/Mist)	> 6,82 mg/l/4h

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH : insoluble in water
Additional information : Based on available data, the classification criteria are not met

Titanium dioxide (13463-67-7)	
pH	7

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH : insoluble in water
Additional information : Based on available data, the classification criteria are not met

Titanium dioxide (13463-67-7)	
pH	7

Respiratory or skin sensitisation : Not classified
Additional information : Based on available data, the classification criteria are not met
Germ cell mutagenicity : Not classified
Additional information : Based on available data, the classification criteria are not met
Carcinogenicity : Not classified
Additional information : Based on available data, the classification criteria are not met

3-aminopropyltriethoxysilane (919-30-2)	
NOAEL (chronic, oral, animal/male, 2 years)	> 43,8 mg/kg bodyweight

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met) Additional information : Based on available data, the classification criteria are not met
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met) Additional information : Based on available data, the classification criteria are not met
Carcinogenicity: Not classified (Based on available data, the classification criteria are not met)
Additional information : Based on available data, the classification criteria are not met

3-aminopropyltriethoxysilane (919-30-2)	
NOAEL (chronic, oral, animal/male, 2 years)	> 43,8 mg/kg bodyweight

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
.
Additional information : Based on available data, the classification criteria are not met
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met) Additional information : Based on available data, the classification criteria are not met
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met) Additional information : Based on available data, the classification criteria are not met

3-(2-aminoethylamino)propyltrimethoxysilane (1760-24-3)	
NOAEL (oral, rat, 90 days)	≥ 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (dermal, rat/rabbit, 90 days)	≥ 1545 mg/kg bodyweight Animal: rat
N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine (35141-30-1)	
NOAEL (oral, rat, 90 days)	500 mg/kg bodyweight/day
trimethoxyvinylsilane (2768-02-7)	
NOAEL (oral, rat, 90 days)	200 mg/kg bodyweight/day
3-aminopropyltriethoxysilane (919-30-2)	
LOAEL (oral, rat, 90 days)	600 mg/kg bodyweight/day
NOAEL (subchronic, oral, animal/male, 90 days)	200 mg/kg bodyweight

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)
.
Additional information : Based on available data, the classification criteria are not met

Parasilico Alcoxy 15	
Viscosity, kinematic	> 8333,333 mm²/s
3-(2-aminoethylamino)propyltrimethoxysilane (1760-24-3)	
Viscosity, kinematic	3,1 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'
trimethoxyvinylsilane (2768-02-7)	
Viscosity, kinematic	1,031 mm²/s

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

No additional information available

11.2.2 Other Information

Potential adverse human health effects and Symptoms : Based on available data, the classification criteria are not met

12.1 Toxicity

Hazardous to the aquatic environment, short term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

3-(2-aminoethylamino)propyltrimethoxysilane (1760-24-3)	
LC50 - Fish [1]	597 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	81 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	126 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	352 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine (35141-30-1)	
LC50 - Fish [1]	597 (OECD 203 method)
EC50 - Crustacea [1]	81 mg/l (OECD 202 method)
EC50 72h - Algae [1]	126 mg/l Test method EU C.3
NOEC chronic crustacea	> 1 mg/l (OECD 211 method)
trimethoxyvinylsilane (2768-02-7)	
LC50 - Fish [1]	191 mg/l
EC50 - Crustacea [1]	167 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	> 957 mg/l
ErC50 algae	> 100 mg/l (OECD 201 method)
NOEC chronic crustacea	28,1 mg/l
NOEC chronic algae	25 mg/l
3-aminopropyltriethoxysilane (919-30-2)	
LC50 - Fish [1]	> 100 mg/l Brachydanio rerio (zebra-fish)
EC50 - Crustacea [1]	> 100 mg/l Daphnia magna (Big water flea)
EC50 72h - Algae [1]	> 100 mg/l Pseudokirchneriella subcapitata
NOEC chronic algae	72h 1,3 mg/l Desmodesmus subspicatus.
Titanium dioxide (13463-67-7)	
LC50 - Fish [1]	155 mg/l Test organisms (species): other:Japanese Medaka
LC50 - Fish [2]	> 10000 mg/l
EC50 - Crustacea [1]	19,3 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	27,8 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	> 1000 mg/l
EC50 - Other aquatic organisms [2]	61 mg/l
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

EC50 72h - Algae [2]	> 100 mg/l pseudokirchneriella subcapitata
NOEC (chronic)	≥ 2,92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic algae	5600 mg/l

12.2 Persistence and degradability

Parasilico Alcoxy 15	
Persistence and degradability	Not established.
trimethoxyvinylsilane (2768-02-7)	
Biodegradation	51 %
3-aminopropyltriethoxysilane (919-30-2)	
Persistence and degradability	Not readily biodegradable. Hydrolysis in water.
Biodegradation	28d 67 % (OECD 301A method)
Titanium dioxide (13463-67-7)	
Persistence and degradability	Not readily biodegradable.

12.3 Bioaccumulative potential

Parasilico Alcoxy 15	
Partition coefficient n-octanol/water (Log Pow)	Not applicable for preparations
Partition coefficient n-octanol/water (Log Kow)	Not applicable for preparations
Bioaccumulative potential	Not established.
3-aminopropyltriethoxysilane (919-30-2)	
Bioconcentration factor (BCF REACH)	3,4 Cyprinus carpio (Common Carp)
Bioaccumulative potential	not bioaccumulative.
Titanium dioxide (13463-67-7)	
BCF - Fish [1]	352

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

Parasilico Alcoxy 15
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
Mixture does not contain substance (s) classified as PBT or vPvB in concentrations above 0,1%.
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6 Endocrine disrupting properties

No additional information available

12.7 Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Product/Packaging disposal

recommendations	:	Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	:	Avoid release to the environment.
European List of Waste (LoW) code	:	08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09

SECTION 14: Transport information

.

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
-	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6 Special precautions for users

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2 National regulations

No additional information

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Handling and storage.

Abbreviations and acronyms:	
CAS-No.	Chemical Abstract Service number
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BOD	Biochemical oxygen demand (BOD)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IOELV	Indicative Occupational Exposure Limit Value
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level

Abbreviations and acronyms:	
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
OECD	Organisation for Economic Co-operation and Development
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
VOC	Volatile Organic Compounds

Data sources : ECHA (European Chemicals Agency). Supplier's safety documents. . REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT . AND OF THE COUNCIL of16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives . 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

Other information: None.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Carc. 2	Carcinogenicity, Category 2
EUH208	Contains 3-(2-aminoethylamino)propyltrimethoxysilane, N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine, trimethoxyvinylsilane, 3-aminopropyltriethoxysilane. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
Full text of H- and EUH-statements:	

H351	Suspected of causing cancer.	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
EUH208	EUH208	Calculation method
EUH210	EUH210	Calculation method
EUH211	EUH211	On basis of test data