

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

EVO-STIK SILICONE GX SEALANT IVORY

Supercedes Date: 02-Mar-2018

Revision date 15-Oct-2019 Revision Number 2

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

1.1. Product Identifier

Product Name EVO-STIK SILICONE GX SEALANT IVORY

Pure substance/mixture Mixture

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

Recommended use Sealant.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik Industries Limited Newtown, Swords Co. Dublin Ireland Tel: +353 (1) 8624900 Fax: +353 (1) 8402186

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

United Kingdom +44 (1785) 272650

treland +353 (1) 8624900 (Monday- Friday 9am-5pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Not classified

2.2. Label Elements

Not classified

Signal word

None

Hazard statements

Not classified

EU Specific Hazard Statements

EUH208 - Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]. May produce an allergic reaction

EUH210 - Safety data sheet available on request

Precautionary statements

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

P102 - Keep out of reach of children

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other Hazards

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No information available

PBT and vPvB assessment

This preparation contains substances considered to be persistent, bio-accumulating and toxic (PBT) This preparation contains substances considered to be very persistent and very bio-accumulating (vPvB)

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2. Mixtures

Chemical name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	932-078-5		>25 - <40	Asp. Tox. 1 (H304)		01-2119552497- 29-xxxx
Triacetoxy(propyl)silane	241-816-9	17865-07-5	1 - <3	Skin Corr. 1B (H314) (EUH071)		01-2119966899- 07-XXXX
Silanetriol, methyl-, triacetate	224-221-9	4253-34-3	1- <2.5	Skin Corr. 1C (H314) Acute Tox. 4 (H302) (EUH014)		01-2119962266- 32-XXXX
Decamethylcyclopentasil oxane	208-764-9	541-02-6	0.1 - <1	PBT vPBT		01-2119511367- 43-XXXX
Octamethylcyclotetrasilo xane	209-136-7	556-67-2	0.1 - <1	Repr. 2 (H361f) Aquatic Chronic 4 (H413) Flam. Liq. 3 (H226) PBT vPBT		01-2119529238- 36-XXXX
Dodecamethylcyclohexa siloxane	208-762-8	540-97-6	0.1 - <1	PBT vPvB		01-2119517435- 42-XXXX
4,5-dichloro-2-octyl-2H-i sothiazol-3-one [DCOIT]	264-843-8	64359-81-5	0.01 - <0.05	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Acute Tox. 4 (H302) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) M=100 Aquatic Chronic 1 (410) M=10		No data available

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

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This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	EC No.	CAS No.	SVHC candidates
Decamethylcyclopentasiloxane	208-764-9	541-02-6	X
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	X
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6	X

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice If medical advice is needed, have product container or label at hand. Show this safety

data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper

eyelids. Consult a doctor.

Skin contact Wash skin with soap and water. In the case of skin irritation or allergic reactions see a

doctor.

Ingestion Clean mouth with water. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never

give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

surrounding environment.

Unsuitable extinguishing media Full water jet. Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the Thermal decomposition can lead to release of toxic and corrosive gases/vapours.

chemical

fire-fighters

5.3. Advice for firefighters

Special protective equipment for Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Avoid contact with skin, eyes or clothing.

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Other information Ventilate the area. Prevent further leakage or spillage if safe to do so.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautionsDo not flush into surface water or sanitary sewer system. Do not allow to enter into

soil/subsoil. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment

Use a non-combustible material like vermiculite, sand or earth to soak up the product

and place into a container for later disposal.

Methods for cleaning upTake up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections See Section 7 for more information. See Section 8 for more information. See Section 13

for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Use personal protective equipment as required. Avoid

contact with skin, eyes or clothing.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink

or smoke when using this product. Wash thoroughly after handling. Take off all

contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep away from food,

drink and animal feedingstuffs.

7.3. Specific end use(s)

Specific Use(s)

Sealant

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)	
Dodecamethylcyclohexasiloxane (5	540-97-6)
Type	worker Long term Systemic health effects

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Exposure route	Inhalation
Derived No Effect Level (DNEL)	11 mg/m³
Туре	worker Long term Local health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	1.22 mg/m³
Туре	worker Short term Local health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	6.1 mg/m ³

Derived No Effect Level (DNEL)	
Dodecamethylcyclohexasiloxane	e (540-97-6)
Туре	Consumer Long term Systemic health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	2.7 mg/m ³
Туре	Consumer Long term Local health effects
	Inhalation
Exposure route Derived No Effect Level (DNEL)	0.3 mg/m ³
Domas no Enest Ester (DIVEE)	pro mg/m
Туре	Consumer Short term Local health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	1.5 mg/m³
Туре	Consumer Long term Systemic health effects
Exposure route	Oral
Derived No Effect Level (DNEL)	1.7 mg/kg bw/d
F	
Туре	Consumer Short term Systemic health effects
Exposure route	Oral
Derived No Effect Level (DNEL)	1.7 mg/kg bw/d

Predicted No Effect Concentration No information available. **(PNEC)**

Predicted No Effect Concentration (PNEC)	
Dodecamethylcyclohexasiloxane (540-97-6)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Sewage treatment plant	>1 mg/l
Freshwater sediment	13 mg/kg dry weight
Marine sediment	1.3 mg/kg dry weight
Soil	3.77 ma/ka dry weight

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Eye protection must conform to

standard EN 166

Hand protection Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove

supplier for information on breakthrough time for specific gloves. Wear suitable gloves. Recommended Use:. Neoprene™. Nitrile rubber. Butyl rubber. Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater

than 480 min. Gloves must conform to standard EN 374

Skin and body protection None under normal use conditions.

Respiratory protection In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Ensure adequate ventilation,

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especially in confined areas.

Recommended filter type: Organic gases and vapours filter conforming to EN 14387. White. Brown.

Environmental exposure controls Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical stateLiquidAppearancePaste viscousColourOff-whiteOdourAcetic acid

Odour threshold No information available

Property Values Remarks • Method

pH No data available
Melting point / freezing point
Boiling point / boiling range > 300 °C
Flash point > 100 °C
Evaporation rate No data available

Flammability (solid, gas) Not applicable for liquids .

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Vapour pressure 100 hPa

Vapour densityNo data availableRelative densityNo data availableWater solubilityImmiscible in waterSolubility(ies)No data availablePartition coefficientNo data availableAutoignition temperatureNo data availableDecomposition temperatureNo data available

Kinematic viscosity > 20.6 mm²/s @ 40°C

Dynamic viscosityNo data availableExplosive propertiesNo data availableOxidising propertiesNo data available

9.2. Other information

Solid content (%)No information availableSoftening PointNo information availableMolecular weightNo information available

VOC Content (%) 0.00 g/L **Density 0.97** g/cm³

Bulk density No information available

Minimum Ignition Temperature (°C) >200

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion Data

Sensitivity to mechanical None.

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impact

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition

products

None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation Based on available data, the classification criteria are not met.

Eye contact Based on available data, the classification criteria are not met.

Skin contact Based on available data, the classification criteria are not met.

Ingestion Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C13-C23,	LD50 > 5000 mg/kg (Rattus)	LD50 > 2000 mg/kg	
n-alkanes, isoalkanes, cyclics,	OECD 401	(Oryctolagus cuniculus)	
< 0.03% aromatics		OECD 402	
	1.5.0		
Silanetriol, methyl-, triacetate	LD50 = 1600 mg/kg (Rattus)		
4253-34-3	OECD 401		
Decamethylcyclopentasiloxane	>24134 mg/kg (Rattus)	> 16 mL/kg (Oryctolagus	
541-02-6		cuniculus)	
Octamethylcyclotetrasiloxane	LD50 > 4800 mg/kg (Rattus)	LD50 > 2400 mg/kg (Rattus)	=36 g/m³ (Rattus) 4 h
556-67-2	OECD 401	OECD 402	-

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Dodecamethylcyclohexasiloxa	>50 g/kg (Rattus)		
ne			
540-97-6			
4,5-dichloro-2-octyl-2H-isothiaz	=1636 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus	=0.26 mg/L (Rattus) 4 h
ol-3-one [DCOIT]		cuniculus)	
64359-81-5		,	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritationBased on available data, the classification criteria are not met.

Serious eye damage/eye 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.

Component Information					
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] (64359-81-5)					
Method	Species	Exposure route	Results		
DECD Test No. 406: Skin Guinea pig sensitising					
Sensitisation			-		

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 toxicityBased on available data, the classification criteria are not met.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union	
Octamethylcyclotetrasiloxane	Repr. 2	
556-67-2		

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposureBased on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Micro-organisms	Crustacea	M-Factor
Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics	EL50 (72h) > 10 000 mg/L (Skeletonema costatum)	LL50 (96h) > 1028 mg/L (Scophthalmus maximus)	-	LL50 (48h) > > 3193 mg/l (Acartia tonsa)	-
Octamethylcyclotetrasilo	-	LC50: >1000mg/L	-	EC50: =25.2mg/L	-

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xane 556-67-2		(96h, Lepomis macrochirus) LC50: >500mg/L (96h, Brachydanio rerio)		(24h, Daphnia magna)	
Dodecamethylcyclohexa siloxane 540-97-6	-	90 d NOEC ≥14 µg/L, Oncorhynchus mykiss	-	NOEC ≥4.6 μg/L (21d) OECD 211 Daphnia Magna	-
4,5-dichloro-2-octyl-2H-i sothiazol-3-one [DCOIT] 64359-81-5	` ,	LC50 (96h) 0.0078 mg/L (Oncorhynchus mykiss)(OECD 203)	-	EC50 (48h) 0.0097 mg/L Daphnia magna (OECD 202)	Acute M=100 Chronic M=10

12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information					
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] (64359-81-5)					
Method	Exposure time	Value	Results		
OECD Test No. 308: Aerobic and		Half-life	1.1-1.3 days		
Anaerobic Transformation in					
Aquatic Sediment Systems					

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Decamethylcyclopentasiloxane 541-02-6	8.02	-
Octamethylcyclotetrasiloxane 556-67-2	6.49	12400
Dodecamethylcyclohexasiloxane 540-97-6	8.87	-
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] 64359-81-5	4.4	13

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

This preparation contains substances considered to be persistent, bio-accumulating and toxic (PBT). This preparation contains substances considered to be very persistent and

very bio-accumulating (vPvB).

Chemical name	PBT and vPvB assessment	
Triacetoxy(propyl)silane 17865-07-5	The substance is not PBT / vPvB	
Silanetriol, methyl-, triacetate 4253-34-3	The substance is not PBT / vPvB	
Decamethylcyclopentasiloxane 541-02-6	PBT / vPvB substance	
Octamethylcyclotetrasiloxane 556-67-2	PBT / vPvB substance	

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Dodecamethylcyclohexasiloxane 540-97-6	PBT / vPvB substance	
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] 64359-81-5	The substance is not PBT / vPvB	

12.6. Other adverse effects

Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products

Dispose of contents/container in accordance with local, regional, national, and

international regulations as applicable.

Contaminated packaging Do not reuse empty containers. Handle contaminated packages in the same way as the

product itself.

European Waste Catalogue 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous

substances

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN NumberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing GroupNot regulated14.5 Environmental hazardsNot applicable

14.6 Special Provisions None

IMDG

14.1 UN numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated

14.5 Marine PollutantNp14.6 Special ProvisionsNone

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable14.6 Special ProvisionsNone

Section 15: REGULATORY INFORMATION

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

European Union

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Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS No.	
Decamethylcyclopentasiloxane	541-02-6	
Octamethylcyclotetrasiloxane	556-67-2	
Dodecamethylcyclohexasiloxane	540-97-6	

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	CAS No.	Restricted substance per REACH Annex XVII
Decamethylcyclopentasiloxane	541-02-6	70.
Octamethylcyclotetrasiloxane	556-67-2	70.

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Biocidal Products Regulation (EU) No 528/2012 (BPR)

This product contains a biocidal product for the preservation of the dry film

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

EUH014 - Reacts violently with water

EUH071 - Corrosive to the respiratory tract

H226 - Flammable liquid and vapour

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

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H318 - Causes serious eve damage

H330 - Fatal if inhaled

H361f - Suspected of damaging fertility

H400 - Very toxic to aquatic life

H413 - May cause long lasting harmful effects to aquatic life

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend SECTION 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value * Skin designation

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals STOT RE Specific target organ toxicity - Repeated exposure STOT SE Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

Revision date 15-Oct-2019

Indication of changes

Revision note SDS sections updated, 3, 8, 12, 15.

Training Advice No information available

Further information No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet