

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

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021 Revision date 16-Nov-2021

Revision Number 1.06

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

1.1. Product identifier Product Name Pure substance/mixture

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Mixture

1.2. Relevant identified uses of the	e substance or mixture and uses advised agains
Recommended use	Sealant.
Uses advised against	None known

1.3. Details of the supplier of the safety data sheet Company Name Bostik Limited Common Rd ST16 3EH Stafford UK Tel: +44 (1785) 27 26 25 Fax: +44 (1785) 25 72 36

E-mail address

SDS.box-EU@bostik.com

1.4. Emergency telephone number United Kingdom Ireland

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Signal word None

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

EU Specific Hazard Statements

EUH208 - Contains Trimethoxyvinylsilane & Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine. May produce an allergic reaction EUH210 - Safety data sheet available on request

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children

2.3. Other hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. May be harmful in contact with

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021

Revision Number 1.06

skin.

PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (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
Trimethoxyvinylsilane	220-449-8	2768-02-7	1- <2.5	Skin Sens. 1B (H317) Acute Tox. 4 (H332) Flam. Liq. 3 (H226)		01-2119513215- 52-XXXX
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	309-629-8	100545-48-0	0.1 - <1	Skin Sens. 1B (H317)	Skin Sens. 1 :: C>=25%	01-2119979085- 27-XXXX
Titanium dioxide	236-675-5	13463-67-7	0.1 - <1	Carc. 2 (H351i)		01-2119489379- 17-XXXX
Bis(2,2,6,6-tetramethyl-4 -piperidyl) sebacate	258-207-9	52829-07-9	0.1 - <1	Eye Dam. 1 (H318) Repr. 2 (H361f) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)		01-2119537297- 32-XXXX
Ethyl silicate	201-083-8	78-10-4	0.1 - <1	Acute Tox. 4 (H332) Eye Irrit. 2 (H319) STOT SE 3 (H335) Flam. Liq. 3 (H226)		01-2119496195- 28-xxxx

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

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021

4.1. Description of first aid measur	Tes
General advice	If medical advice is needed, have product container or label at hand.
Inhalation	Remove to fresh air. If symptoms persist, call a doctor.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Do NOT induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Call a doctor or poison control centre immediately. Small amounts of toxic methanol are released by hydrolysis.
4.2. Most important symptoms and	effects, both acute and delayed
Symptoms	None known.
4.3. Indication of any immediate m	edical attention and special treatment needed
Note to doctors	Treat symptomatically. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.
SECTION 5: Firefighting me	asures
5.1. Extinguishing media	
Suitable Extinguishing Media	Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.
Unsuitable extinguishing media	Full water jet.
5.2. Special hazards arising from t	he substance or mixture
Specific hazards arising from the chemical	Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous combustion products	Carbon monoxide. Carbon dioxide (CO2). Silicon dioxide.
5.3. Advice for firefighters	
Special protective equipment and precautions for fire-fighters	Wear self contained breathing apparatus for fire fighting if necessary.
SECTION 6: Accidental relea	ase measures
6.1. Personal precautions, protect	ve equipment and emergency procedures
Personal precautions	Ensure adequate ventilation. Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing.
For emergency responders	Use personal protection recommended in Section 8.
6.2. Environmental precautions	
Environmental precautions	Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021 Revision date 16-Nov-2021

Revision Number 1.06

diatomaceous earth, verniculite) and place in container for disposal according to loca national regulations (see Section 13). Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal. Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulation 6.4. Reference to other sections 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 protection equipment. Avoid contact with skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities		
diatomaceous earth, verniculite) and place in container for disposal according to loca national regulations (see Section 13). Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal. Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulation 6.4. Reference to other sections 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 protection equipment. Avoid contact with skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities. Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs. Recommended storage temperature 7.3. Specific end use(s). Specific use(s) Sealant. Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.	6.3. Methods and material for cont	anment and cleaning up
Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulation 6.4. Reference to other sections See section 8 for more information. See section 13 for more information. SECTION 7: Handling and storage Ensure adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs. Recommended storage temperature Keep at temperatures between 10 and 35 °C. Specific use(s) Sealant. Risk Management Methods (RMM)	Methods for containment	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
6.4. Reference to other sections 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 protection equipment. Avoid contact with skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities_ Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs. Recommended storage Keep at temperatures between 10 and 35 °C. 7.3. Specific end use(s) Specific use(s) Sealant. Risk Management Methods (RMM)	Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.
Reference to other sections 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 protection equipment. Avoid contact with skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs. Recommended storage Keep at temperatures between 10 and 35 °C. 7.3. Specific end use(s) Specific use(s) Sealant. The information required is contained in this Safety Data Sheet.	Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations
SECTION 7: Handling and storage 7.1. Precautions for safe handling Advice on safe handling Ensure adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities	6.4. Reference to other sections	
7.1. Precautions for safe handling Advice on safe handling Ensure adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilater place. Keep away from food, drink and animal feedingstuffs. Recommended storage temperature Keep at temperatures between 10 and 35 °C. 7.3. Specific end use(s) Specific use(s) Sealant. Risk Management Methods (RMM)	Reference to other sections	See section 8 for more information. See section 13 for more information.
Advice on safe handling Ensure adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs. Recommended storage temperature Keep at temperatures between 10 and 35 °C. 7.3. Specific end use(s) Specific use(s) Sealant. Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.	SECTION 7: Handling and s	torage
Skin, eyes or clothing. General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and a work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities	7.1. Precautions for safe handling	_
work. Take off contaminated clothing and wash it before reuse. 7.2. Conditions for safe storage, including any incompatibilities Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs. Recommended storage temperature Keep at temperatures between 10 and 35 °C. 7.3. Specific end use(s) Specific use(s) Sealant. The information required is contained in this Safety Data Sheet.	Advice on safe handling	
Storage Conditions Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs. Recommended storage temperature Keep at temperatures between 10 and 35 °C. 7.3. Specific end use(s) Specific use(s) Sealant. The information required is contained in this Safety Data Sheet.	General hygiene considerations	Do not eat, drink or smoke when using this product. Wash hands before breaks and aft work. Take off contaminated clothing and wash it before reuse.
place. Keep away from food, drink and animal feedingstuffs. Recommended storage temperature Keep at temperatures between 10 and 35 °C. 7.3. Specific end use(s) Specific use(s) Spealant. The information required is contained in this Safety Data Sheet.	7.2. Conditions for safe storage, in	<u>ncluding any incompatibilities</u>
temperature 7.3. Specific end use(s) Specific use(s) Sealant. Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.	Storage Conditions	Protect from moisture. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feedingstuffs.
Specific use(s) Sealant. Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.	-	Keep at temperatures between 10 and 35 °C.
Sealant.	7.3. Specific end use(s)	
Other information Observe technical data sheet.	Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.
	Other information	Observe technical data sheet.

8.1. Control parameters

Exposure Limits

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

Chemical name	European Union	Ireland	United Kingdom
Methyl alcohol	-	15 mg/L (urine - Methanol end of	-
67-56-1		shift)	

Derived No Effect Level (DNEL) No information available

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021

Revision date 16-Nov-2021

Revision Number 1.06

Derived No Effect Level (DN	Derived No Effect Level (DNEL)					
Trimethoxyvinylsilane (2768	3-02-7)					
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor			
worker Systemic health effects Long term	Inhalation	27,6 mg/m³				
worker Systemic health effects Long term	Dermal	3,9 mg/kg bw/d				

Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (100545-48-0)				
Туре		Derived No Effect Level (DNEL)	Safety factor	
worker	Inhalation	3.35 mg/m ³		
Long term Local health effects		-		

Titanium dioxide (13463-67-7)			
Туре	Exposure route		Safety factor
		(DNEL)	
worker	Inhalation	10 mg/m ³	
Long term			
Local health effects			

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)				
Туре		Derived No Effect Level (DNEL)	Safety factor	
worker Short term Long term Systemic health effects	Inhalation	2.82 mg/m³		
worker Long term Systemic health effects	Dermal	1.6 mg/kg		

Ethyl silicate (78-10-4)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
worker Short term Systemic health effects	Dermal	12.1 mg/kg bw/d		
worker Systemic health effects Long term	Dermal	12.1 mg/kg bw/d		
worker Short term Systemic health effects	Inhalation	85 mg/m³		
worker Short term Local health effects	Inhalation	85 mg/m³		
worker Long term Systemic health effects	Inhalation	85 mg/m³		
worker Long term Local health effects	Inhalation	85 mg/m³		

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021

Revision date 16-Nov-2021

Revision Number 1.06

Derived No Effect Level (DN	EL)		
Trimethoxyvinylsilane (2768			
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Systemic health effects Long term	Inhalation	18,9 mg/m ³	
Consumer Systemic health effects Long term	Dermal	7,8 mg/kg bw/d	
Consumer Systemic health effects Long term	Oral	0,3 mg/kg bw/d	

Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine (100545-48-0)			
Туре	Exposure route	Derived No Effect Level	Safety factor
		(DNEL)	
Consumer	Inhalation	0.83 mg/m³	
Long term		-	

Titanium dioxide (13463-67-7)			
Туре	Exposure route	Derived No Effect Level	Safety factor
		(DNEL)	
Consumer	Oral	700 mg/kg bw/d	
Long term			
Systemic health effects			

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)			
Туре		Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Dermal	0.8 mg/kg	
Consumer Long term Systemic health effects	Oral	0.4 mg/kg	

Ethyl silicate (78-10-4)			
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Short term Systemic health effects	Dermal	8.4 mg/kg bw/d	
Consumer Long term Systemic health effects	Dermal	8.4 mg/kg bw/d	
Consumer Short term Systemic health effects	Inhalation	25 mg/m³	
Consumer Short term Local health effects	Inhalation	25 mg/m³	
Consumer Long term Systemic health effects	Inhalation	25 mg/m³	
Consumer Long term Local health effects	Inhalation	25 mg/m³	

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021

Revision Number 1.06

Predicted No Effect Concentration No information available. (PNEC)

Predicted No Effect Concentration (PNEC)		
Predicted No Effect Concentration (PNEC)		
0.34 mg/l		
0.034 mg/l		
110 mg/l		

Titanium dioxide (13463-67-7)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Marine water	0.0184 mg/l
Freshwater sediment	1000 mg/kg
Freshwater	0.184 mg/l
Marine sediment	100 mg/kg
Soil	100 mg/kg
Microorganisms in sewage treatment	100 mg/l
Freshwater - intermittent	0.193 mg/l

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.018 mg/l
Marine water	0.0018 mg/l
Freshwater sediment	29 mg/kg
Marine sediment	2.9 mg/kg
Soil	5.9 mg/kg

Ethyl silicate (78-10-4)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.192 mg/l
Marine water	0.0192 mg/l
Freshwater sediment	0.18 mg/kg dry weight
Marine sediment	0.018 mg/kg dry weight
Soil	0.05 mg/kg

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	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. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better.
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

Solid

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021

Revision date 16-Nov-2021

Revision Number 1.06

Appearance	Paste		
Colour	Beige		
Odour Odour threshold	Characteristic Slight No information available		
Property	Values	Remarks • Method	
pH	No data available	Not applicable	
pH (as aqueous solution)	No data available		
Melting point / freezing point	No data available	Not applicable	
Initial boiling point and boiling	No data available		
range	<u>61</u> %0		
Flash point	> 61 °C No data available		
Evaporation rate Flammability	No data available		
Flammability Limit in Air			
Upper flammability or explosive	No data available		
limits			
Lower flammability or explosive	No data available		
limits			
Vapour pressure	No data available		
Relative vapour density	No data available		
Relative density	1.4 - 1.6 Draduct curee with mainture Departs		
Water solubility	Product cures with moisture Reacts with water		
Solubility(ies)	No data available		
Partition coefficient	No data available		
Autoignition temperature	No data available		
Decomposition temperature	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	9000 - 13000 Pa.s	Spindle 4 @ 1 rpm @ 23 °C	
Explosive properties	No data available		
Oxidising properties	No data available		
9.2. Other information			
Solid content (%)	No information available		
VOC Content (%) Density	ca. 1.5 g/cm ³		
Density			
SECTION 10: Stability and re	eactivity		
10.1. Reactivity			
Depativity	Product ourse with mointure		
Reactivity	Product cures with moisture.		
10.2. Chemical stability			
Stability	Stable under normal conditions.		
Explosion data			
Sensitivity to mechanical	None.		
impact			
Sensitivity to static discharge	None.		
10.3. Possibility of hazardous reactions			
Possibility of hazardous reactions	None under normal processing.		

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021 Revision date 16-Nov-2021

Revision Number 1.06

10.4. Conditions to avoid	-	_		
Conditions to avoid	Product cures with moist	Product cures with moisture. Protect from moisture.		
10.5. Incompatible materials				
Incompatible materials	None known based on inf	formation supplied.		
10.6. Hazardous decompositio	on products			
Hazardous decomposition products	None under normal use c formed by hydrolysis and	onditions. Small amounts of me released upon curing.	thanol (CAS 67-56-1) are	
SECTION 11: Toxicologi	cal information			
11.1. Information on toxicolog	ical effects			
Information on likely routes of	f exposure			
Product Information				
Inhalation	Based on available data,	Based on available data, the classification criteria are not met.		
Eye contact	Based on available data,	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 phys	ical, chemical and toxicologic	cal characteristics		
Symptoms	No information available.			
Numerical measures of toxicit	<u>y</u>			
Acute toxicity The following values are calcu ATEmix (dermal) ATEmix (inhalation-vapou Component Information	3,993.60 mg/kg	f the GHS document		
		Dermel L DEO		
Chemical name Trimethoxyvinylsilane	Oral LD50	Dermal LD50	Inhalation LC50 LC50 (4hr) 16.8 mg/l (Rattus)	
2768-02-7	LD50 = 7120 -7236 mg/kg (Rattus) OECD 401	= 3540 mg/kg (Oryctolagus cuniculus)	OECD TG 403	
Octadecanoic acid,	LD50 >2000 mg/kg (Rattus)		LC50 =5.05 mg/kg (Rattus)	
12-hydroxy-, reaction products with ethylenediamine				

LD50 > 10000 mg/Kg

LD50 (Rattus) > 3 170 mg/kg OECD 402

= 5878 mg/kg (Oryctolagus

cuniculus) = $6300 \mu L/kg$ (Oryctolagus cuniculus)

100545-48-0 Titanium dioxide

13463-67-7

Bis(2,2,6,6-tetramethyl-4-piperi dyl) sebacate

52829-07-9

Ethyl silicate

78-10-4

>10000 mg/kg (Rattus)

LD50 (Rattus)> 2000 mg/kg

OECD 423

LD50 > 2500 mg/kg (Rattus)

OECD 423

>5 mg/l

=500 mg/m³ (Rattus) 4 h

= 10 mg/L (Rat)4 h > 16.8 mg/L (Rat)4 h

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021 Revision date 16-Nov-2021

Revision Number 1.06

Delayed and immediate effects as well as chronic effects from short and long-term exposure		
Skin corrosion/irritation	Based 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	OECD Test No. 406: Skin Sensitisation. No sensitisation responses were observed. No classification is proposed, based on conclusive negative data. May produce an allergic reaction.	
Braduat Information		

Product Information			
Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig		No sensitisation responses were observed

Germ cell mutagenicity

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

Carcinogenicity

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

Chemical name	European Union
Titanium dioxide 13463-67-7	Carc. 2
13403-07-7	

The table below indicates whether each agency has listed any ingredient as a carcinogen.

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				
11.2.1. Endocrine disrupting properties				
Endocrine disrupting properties	No information available.			
11.2.2. Other information				
11.2.2. Other information				
Other adverse effects	No information available.			
SECTION 12: Ecological information				
<u>12.1. Toxicity</u>				
Ecotoxicity				

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021

Revision date 16-Nov-2021

Revision Number 1.06

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Trimethoxyvinylsilane 2768-02-7	EC 50 (72h) > 957 mg/l (Desmodesmus subspicatus)	LC50 (96h) = 191 mg/l (Oncorhynchus mykiss)	-	EC50(48hr) 168.7mg/l (Daphnia magna)		
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine 100545-48-0	EU Method C.3 EL50 (72h) >100 mg/L Algae (Pseudokirchner iella subcapitata)	LL50 (96h) >10mg/L (Onchohynchus mykiss)	-	EL50 (48h) >10mg/L Daphnia (Daphnia magna)		
Titanium dioxide 13463-67-7	LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203	-	-	-		
Bis(2,2,6,6-tetramethyl- 4-piperidyl) sebacate 52829-07-9	EC50 72Hr 0.705 mg/l (Pseudokirchner ella subcapitata)	LC50 (96h) = 5.29 mg/l (Oryzias latipes)	-	LC50 48Hr 8.58 mg/l (Daphnia magna)		
Ethyl silicate 78-10-4	EC 50 (72h) > 100 mg/L (Pseudokirchner iella subcapitata) OECD 201	LC50 (96h)> 245 mg/L (Danio rerio) EU Method C.1	-	-		

12.2. Persistence and degradability

Persistence and degradability

No information available.

Component Information			
Trimethoxyvinylsilane (2768-02-7)			
Method	Exposure time	Value	Results
OECD Test No. 301F: Ready	28 days	BOD	51 % Not readily
Biodegradability: Manometric	-		biodegradable
Respirometry Test (TG 301 F)			-

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate (52829-07-9)			
Method	Exposure time	Value	Results
OECD Test No. 303: Simulation	28 days	Total organic carbon (TOC)	24 % Moderate
Test - Aerobic Sewage Treatment			
A: Activated Sludge Units; B:			
Biofilms			

12.3. Bioaccumulative potential

Bioaccumulation

There is no data for this product.

Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Trimethoxyvinylsilane	1.1	-
2768-02-7		
Bis(2,2,6,6-tetramethyl-4-piperidyl)	0.35	-
sebacate		
52829-07-9		

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021

Revision date 16-Nov-2021

Revision Number 1.06

Ethyl silicate 78-10-4	3.18	-

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Trimethoxyvinylsilane 2768-02-7	The substance is not PBT / vPvB
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine 100545-48-0	The substance is not PBT / vPvB
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB PBT assessment does not apply
Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate 52829-07-9	The substance is not PBT / vPvB
Ethyl silicate	The substance is not PBT / vPvB
78-10-4	PBT assessment does not apply

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	Handle contaminated packages in the same way as the product itself.
European Waste Catalogue	08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

Not regulated
Not regulated
Not regulated
Not regulated
Not applicable
None
Not regulated
Not regulated
Not regulated
Not regulated

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021 Revision date 16-Nov-2021

Revision Number 1.06

14.5 Marine pollutant	NP
14.6 Special Provisions	None
14.7 Transport in bulk according	to Annex II of MARPOL and the IBC Code

Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1	UN number or ID number	Not regulated
14.2	Proper Shipping Name	Not regulated
14.3	Transport hazard class(es)	Not regulated
14.4	Packing group	Not regulated
14.5	Environmental hazards	Not applicable
14.6	Special Provisions	None

Section 15: REGULATORY INFORMATION

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

European Union

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

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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
Dioctyltin oxide	870-08-6	20

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)

Export Notification requirements

This product contains substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals

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

Not applicable

Persistent Organic Pollutants

Not applicable

National regulations

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

EVO-STIK THE DOG'S B*LL*CKS ADHESIVE AND SEALANT IVORY Supercedes Date: 01-Apr-2021 Revision date 16-Nov-2021

Revision Number 1.06

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

I dif toxt of IT otatomonto referred to	
H226 - Flammable liquid and vapour	
H317 - May cause an allergic skin read	ction
H318 - Causes serious eye damage	
H319 - Causes serious eye irritation	
H332 - Harmful if inhaled	
H335 - May cause respiratory irritation	
H351i - Suspected of causing cancer in	f inhaled
H361f - Suspected of damaging fertility	/
H400 - Very toxic to aquatic life	
H411 - Toxic to aquatic life with long la	sting effects
-	-
Legend	
TWA	TWA (time-weighted average)

IVVA	I VVA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) 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	16-Nov-2021	
Indication of changes		
Revision note	SDS sections updated: 3.	
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