

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 5 (replaces version 4)

Revision: 13.01.2023

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

#### 1.1 Product identifier

Trade name: **PROSEAL 303 WHITE**

Article number: 86916

**1.2 Relevant identified uses of the substance or mixture and uses advised against**  
FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

**Application of the substance / the mixture**

Adhesive  
Sealant

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

KENT (United Kingdom) Ltd  
Forsyth House  
Pitreavie Drive  
Pitreavie Business Park  
Dunfermline  
Fife  
KY11 8US

Tel: +44 01383 723344 / 0800 136925 Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

Fax: +44 1383 620079

SDS@kenteurope.com

**1.4 Emergency telephone number:**

Tel: +44 01383 723344 During normal office hours - Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

### 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 GB 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:**

Contains trimethoxyvinylsilane. May produce an allergic reaction.

Safety data sheet available on request.

Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

**2.3 Other hazards** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released during curing.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Mixture of the substances listed below with harmless additions.

**Dangerous components:**

CAS: 28553-12-0 EINECS: 249-079-5 Reg.nr.: 01-2119430798-28	diisononyl phthalate substance with a Community workplace exposure limit	5-10%
CAS: 2768-02-7 EINECS: 220-449-8 Reg.nr.: 01-2119513215-52	trimethoxyvinylsilane ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H332; Skin Sens. 1B, H317	<3%
CAS: 13463-67-7 EINECS: 236-675-5	Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] substance with a Community workplace exposure limit	<3%

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CAS: 64742-48-9  
 EC number: 919-857-5  
 Reg.nr.: 01-2119463258-33

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics  
 Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336

&lt;3%

· **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** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**  
 Instantly wash with water and soap and rinse thoroughly.  
 If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing**  
 Rinse out mouth.  
 In case of persistent symptoms consult doctor.
- **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** CO<sub>2</sub>, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture** Carbon monoxide and carbon dioxide
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
 Wear protective clothing.  
 Ensure adequate ventilation
- **6.2 Environmental precautions:**  
 Do not allow to enter drainage system, surface or ground water.  
 Do not allow to enter the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**  
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
 Dispose of contaminated material as waste according to item 13.  
 Ensure adequate ventilation.
- **6.4 Reference to other sections**  
 See Section 7 for information on safe handling  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for information on disposal.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
 Ensure good ventilation/exhaustion at the workplace.  
 Open and handle container with care.  
 Prevent formation of aerosols.  
 Avoid contact with the eyes and skin.
- **Information about protection against explosions and fires:** Keep breathing equipment ready.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information about storage in one common storage facility:** Not required.

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· **Further information about storage conditions:**

Keep container tightly sealed.  
Protect from humidity and keep away from water.  
10-35°C

· **Storage class** 10

· **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Components with limit values that require monitoring at the workplace:**

**28553-12-0 diisononyl phthalate**

WEL Long-term value: 5 mg/m<sup>3</sup>

**13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]**

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>  
\*total inhalable \*\*respirable

· **Regulatory information** WEL: EH40/2020

· **DNELs**

**471-34-1 Calcium carbonate**

Inhalative	Long term systemic effect	10 mg/m <sup>3</sup> (Worker)
	Long term local effect	4.26 mg/m <sup>3</sup> (Worker)

**28553-12-0 diisononyl phthalate**

Dermal	Long term systemic effect	366 mg/kg (Worker)
Inhalative	Long term systemic effect	51.72 mg/m <sup>3</sup> (Worker)

**2768-02-7 trimethoxyvinylsilane**

Dermal	Long term systemic effect	3.9 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	27.6 mg/m <sup>3</sup> (Worker)

**64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Dermal	Long term systemic effect	208 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	871 mg/m <sup>3</sup> (Worker)

**52829-07-9 Bis 2,2,6,6-tetramethyl-4-piperidyl) sebacate**

Dermal	Acute systemic effect	2 mg/kg bw/day (Worker)
	Long term systemic effect	0.5 mg/kg bw/day (Worker)
Inhalative	Long term systemic effect	0.68 mg/kg (Worker)

**93925-43-0 Silicic acid (H<sub>4</sub>SiO<sub>4</sub>), tetraethyl ester, reaction products with bis(acetyloxy)dioctylstannane**

Oral	Long term systemic effect	0.0015 mg/m <sup>3</sup> (Worker)
Dermal	Long term systemic effect	16.3 mg/kg/bw/day (Worker)

· **PNECs**

**28553-12-0 diisononyl phthalate**

PNEC 30 mg/kg (Soil)

**2768-02-7 trimethoxyvinylsilane**

PNEC 0.34 mg/l (Aqua (freshwater))  
3.4 mg/l (Aqua (intermittent))  
0.034 mg/l (Aqua (marine water))  
0.27 mg/l (Freshwater sediment)  
110 mg/l (Sewage treatment plant)  
0.046 mg/kg (Soil)

**13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]**

PNEC 0.184 mg/l (Aqua (freshwater))  
0.193 mg/l (Aqua (intermittent))  
0.0184 mg/l (Aqua (marine water))  
1,000 mg/kg (Freshwater sediment)  
100 mg/kg (Marine water sediment)  
100 mg/l (Sewage treatment plant)  
100 mg/kg (Soil)

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**52829-07-9 Bis 2,2,6,6-tetramethyl-4-piperidyl) sebacate**

PNEC	0.018 mg/l (Aqua (freshwater))
	0.0018 mg/l (Aqua (marine water))
	29 mg/kg (Freshwater sediment)
	2.9 mg/kg (Marine water sediment)
	5.9 mg/kg (Soil)

· **Ingredients with biological limit values:**· **Additional Occupational Exposure Limit Values for possible hazards during processing:****67-56-1 methanol**

WEL	Short-term value: 333 mg/m <sup>3</sup> , 250 ppm
	Long-term value: 266 mg/m <sup>3</sup> , 200 ppm
	Sk

· **Additional information:** The lists that were valid during the compilation were used as basis.· **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**

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Store protective clothing separately.

· **Breathing equipment:**

Ensure good ventilation. If this is not sufficient breathing protection must be used so that the vaporisation level is held under the workplace limit.

Filter A / P2 (EN 14387)

· **Hand protection**

Protective gloves.

Gloves must conform to standard EN 374.

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**

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.

Recommended thickness of the material:  $\geq 0.7$  mm

Neoprene gloves

Nitrile rubber, NBR

Butyl rubber, BR

· **Penetration time of glove material**

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**

Safety glasses (EN 166)

**SECTION 9: Physical and chemical properties**· **9.1 Information on basic physical and chemical properties**· **General Information**· **Physical state**

Fluid

· **Colour:**

White

· **Odour:**

Light

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Not determined

· **Boiling point or initial boiling point and boiling range**

Not determined

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· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Flash point:</b>	>100 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Mixture is non-polar/aprotic.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>dynamic at 23 °C:</b>	2000-4000 Pa.s
· <b>Solubility</b>	
· <b>Water:</b>	Not miscible / difficult to mix
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C</b>	1.59-1.65 g/ml
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

### · 9.2 Other information

· <b>Appearance:</b>	
· <b>Form:</b>	Pasty
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	32 g/l VOC
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.

### · Information with regard to physical hazard classes

· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	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** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.

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· **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 that are relevant for classification:**

2768-02-7 trimethoxyvinylsilane		
Oral	LD50	7,120 mg/kg (Rat)
Sensitisation	OECD Test No. 406	Not a skin sensitiser (Guinea pig)
	OECD Test No. 405	(Rabbit) (Acute Eye irritation / corrosion: Non irritant)
13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]		
Oral	LD50	>20,000 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (rbt)
	ErC 50	61 mg/l (Algae) (EPA 600/9-78-018, 72 hr)
64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>3,000 mg/kg (Rabbit)
52829-07-9 Bis 2,2,6,6-tetramethyl-4-piperidyl) sebacate		
Oral	LD50	>2,000 mg/kg (Rat) (OECD 423)
Dermal	LD50	>3,170 mg/kg (Rat) (OECD 402)
93925-43-0 Silicic acid (H4SiO4), tetraethyl ester, reaction products with bis(acetyloxy)dioctylstannane		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)

· **Skin corrosion/irritation**

Product: OECD 405 Indications (Eye Irritation / Corrosion - Rabbit): non-irritating. The assessment of the health hazards is based on the toxicological properties of a similar material.

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**

OECD Test No. 406: Skin Sensitisation. No sensitisation responses were observed. No classification is proposed, based on conclusive negative data.

May cause sensitisation in susceptible persons.

Trimethoxyvinylsilane CAS 2768-02-7

OECD Test No. 406 Skin sensitisation

Dermal / Guinea pig: Not a skin sensitiser

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:**

471-34-1 Calcium carbonate	
EC50	>1,000 mg/l (Activated sludge) (OECD 209 3 hrs)
EC50 (72 hr)	>200 mg/l (Algae)
	>14 mg/l (Desmodesmus subspicatus) (OECD 202)
NOEC	1,000 mg/l (Activated sludge) (OECD 209 3 hrs)
NOELR	14 mg/l (Desmodesmus subspicatus) (OECD 201 72 hrs)

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<b>28553-12-0 diisononyl phthalate</b>	
EC50	>88 mg/l (Algae ( <i>Scenedesmus subspicatus</i> ))
LC50 (48 hr)	>74 mg/l ( <i>Daphnia magna</i> )
LC50 (96 hr)	>102 mg/l ( <i>Brachydanio rerio</i> )
<b>2768-02-7 trimethoxyvinylsilane</b>	
EC10	1,000 ( <i>Pseudomonas Putida</i> ) (5 hours)
EC50 (48 hr)	169 mg/l ( <i>Daphnia magna</i> )
EC50 (72 hr)	210 mg/l ( <i>Selenastrum capricornutum</i> )
	>957 mg/l ( <i>Desmodesmus subspicatus</i> ) (EU Method C.3)
LC50 (96 hr)	191 mg/l ( <i>Oncorhynchus mykiss</i> )
NOEC (72 hr)	25 mg/l ( <i>Selenastrum capricornutum</i> )
NOEC (21 days)	28 mg/l ( <i>Daphnia magna</i> ) (Reproduction)
<b>13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]</b>	
LC50 (48 hr)	5.5 mg/l (Crustacea)
LC50 (96 hr)	>100 mg/l ( <i>Oncorhynchus mykiss</i> ) (= OECD 203)
<b>64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
EL50 (72 hr)	>1,000 mg/l ( <i>Pseudokirchneriella subcapitata</i> )
ELO (48 hr)	1,000 mg/l ( <i>Daphnia magna</i> )
LL50 (96 hr)	>1,000 mg/l ( <i>Oncorhynchus mykiss</i> )
NOELR	100 mg/l ( <i>Pseudokirchneriella subcapitata</i> ) (72 hrs)
<b>52829-07-9 Bis 2,2,6,6-tetramethyl-4-piperidyl) sebacate</b>	
EC50 (24 hr)	17 mg/l ( <i>Daphnia magna</i> ) (OECD 202)
EC50	1.9 mg/l (Algae ( <i>Scenedesmus subspicatus</i> )) (DIR 92/69/EC)
EC50 (72 hr)	0.705 mg/l ( <i>Pseudokirchneriella subcapitata</i> )
LC50	5,290 µg/l (Fish)
	0.013 µg/l ( <i>Oncorhynchus mykiss</i> ) (OECD 203)
LC50 (48 hr)	8.58 mg/l ( <i>Daphnia magna</i> )
<b>93925-43-0 Silicic acid (H4SiO4), tetraethyl ester, reaction products with bis(acetyloxy)dioctylstannane</b>	
EC50 (48 hr)	331 mg/l ( <i>Daphnia magna</i> ) (OECD 202)
LC50 (96 hr)	>100 mg/l ( <i>Cyprinus carpio</i> ) (OECD 203)

- **12.2 Persistence and degradability** No further relevant information available.
- **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:**
- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
- Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, IMDG, IATA** Void

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· <b>14.2 UN proper shipping name</b> · ADR, IMDG, IATA	Void
· <b>14.3 Transport hazard class(es)</b> · ADR, ADN, IMDG, IATA · Class	Void
· <b>14.4 Packing group</b> · ADR, IMDG, IATA	Void
· <b>14.5 Environmental hazards:</b>	Not applicable.
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Directive 2012/18/EU
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H317 May cause an allergic skin reaction.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.
- **Department issuing data specification sheet:** Environment protection department
- **Abbreviations and acronyms:**  
ADR: 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 (UK REACH)  
PNEC: Predicted No-Effect Concentration (UK REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 3: Flammable liquids – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Sens. 1B: Skin sensitisation – Category 1B  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Asp. Tox. 1: Aspiration hazard – Category 1
- **Data compared to the previous version altered.** \*