



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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UniBond Exteme Repair Brown

SDS No. : 559087  
V002.2

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

#### 1.1. Product identifier

UniBond Exteme Repair Brown

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

Intended use:

Joint sealant, polymer silan-modified

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

Henkel Ltd

Adhesives

Wood Lane End

HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

SDSinfo.Adhesive@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

#### 1.4. Emergency telephone number

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: [technical.services@henkel.co.uk](mailto:technical.services@henkel.co.uk)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

#### 2.2. Label elements

##### Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

##### Supplemental information

Contains: Trimethoxyvinylsilane May produce an allergic reaction.

##### Precautionary statement:

P102 Keep out of reach of children.

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

P262 Do not get in eyes, on skin, or on clothing.

**2.3. Other hazards**

Evolves methanol during cure.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

**Following substances are present in a concentration  $\geq 0,1\%$  and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):**

This mixture does not contain any substances in concentration  $\geq$  the concentration limit that are assessed to be a PBT, vPvB or ED.

### SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components<br>CAS-No.<br>EC Number<br>REACH-Reg No.       | Concentration | Classification                                                                                 | Specific Conc. Limits, M-factors and ATEs | Add. Information |
|---------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------|-------------------------------------------|------------------|
| Trimethoxyvinylsilane<br>2768-02-7<br>220-449-8<br>01-2119513215-52 | 0,1- < 1 %    | Flam. Liq. 3, H226<br>Acute Tox. 4, Inhalation, H332<br>STOT RE 2, H373<br>Skin Sens. 1B, H317 |                                           |                  |

**For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.**

### SECTION 4: First aid measures

**4.1. Description of first aid measures**

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

Rinse immediately with plenty of running water, seek medical advice if necessary.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

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

No data available.

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

See section: Description of first aid measures

### SECTION 5: Firefighting measures

**5.1. Extinguishing media****Suitable extinguishing media:**

carbon dioxide, foam, powder, water spray jet, fine water spray

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

**5.2. Special hazards arising from the substance or mixture**

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus.

Wear protective equipment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.

Avoid contact with skin and eyes.

Ensure adequate ventilation.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

Dispose of contaminated material as waste according to Section 13.

Remove mechanically.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Ensure that workrooms are adequately ventilated.

Avoid skin and eye contact.

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in sealed original container.

Store in a cool, dry place.

Temperatures between 0 °C and + 30 °C

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

Joint sealant, polymer silan-modified

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational Exposure Limits**

Valid for  
Great Britain

| Ingredient [Regulated substance]                                                      | ppm | mg/m <sup>3</sup> | Value type                        | Short term exposure limit category / Remarks | Regulatory list |
|---------------------------------------------------------------------------------------|-----|-------------------|-----------------------------------|----------------------------------------------|-----------------|
| Calcium carbonate<br>471-34-1<br>[CALCIUM CARBONATE, INHALABLE DUST]                  |     | 10                | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[CALCIUM CARBONATE, RESPIRABLE DUST]                 |     | 4                 | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[LIMESTONE, RESPIRABLE MARBLE, RESPIRABLE]           |     | 4                 | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[LIMESTONE, TOTAL INHALABLE MARBLE, TOTAL INHALABLE] |     | 10                | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[Dust, inhalable dust]                               |     | 10                | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[Dust, respirable dust]                              |     | 4                 | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Limestone<br>1317-65-3<br>[CALCIUM CARBONATE, INHALABLE DUST]                         |     | 10                | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Limestone<br>1317-65-3<br>[CALCIUM CARBONATE, RESPIRABLE DUST]                        |     | 4                 | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Limestone<br>1317-65-3<br>[LIMESTONE, RESPIRABLE MARBLE, RESPIRABLE]                  |     | 4                 | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Limestone<br>1317-65-3<br>[LIMESTONE, TOTAL INHALABLE MARBLE, TOTAL INHALABLE]        |     | 10                | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Titanium dioxide<br>13463-67-7<br>[TITANIUM DIOXIDE, RESPIRABLE]                      |     | 4                 | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Titanium dioxide<br>13463-67-7<br>[TITANIUM DIOXIDE, TOTAL INHALABLE]                 |     | 10                | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Methanol<br>67-56-1<br>[METHANOL]                                                     |     |                   | Skin designation:                 | Can be absorbed through the skin.            | EH40 WEL        |
| Methanol<br>67-56-1<br>[METHANOL]                                                     | 200 | 266               | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| Methanol<br>67-56-1<br>[METHANOL]                                                     | 200 | 260               | Time Weighted Average (TWA):      | Indicative                                   | ECTLV           |
| Methanol<br>67-56-1<br>[METHANOL]                                                     | 250 | 333               | Short Term Exposure Limit (STEL): | 15 minutes                                   | EH40 WEL        |

**Occupational Exposure Limits**

Valid for  
Ireland

| Ingredient [Regulated substance]                      | ppm | mg/m <sup>3</sup> | Value type                   | Short term exposure limit category / Remarks | Regulatory list |
|-------------------------------------------------------|-----|-------------------|------------------------------|----------------------------------------------|-----------------|
| Calcium carbonate<br>471-34-1<br>[CALCIUM CARBONATE]  |     | 4                 | Time Weighted Average (TWA): |                                              | IR_OEL          |
| Calcium carbonate<br>471-34-1<br>[CALCIUM CARBONATE]  |     | 10                | Time Weighted Average (TWA): |                                              | IR_OEL          |
| Calcium carbonate<br>471-34-1<br>[DUSTS NON-SPECIFIC] |     | 4                 | Time Weighted Average (TWA): |                                              | IR_OEL          |
| Calcium carbonate<br>471-34-1<br>[DUSTS NON-SPECIFIC] |     | 10                | Time Weighted Average (TWA): |                                              | IR_OEL          |
| Limestone<br>1317-65-3<br>[CALCIUM CARBONATE]         |     | 4                 | Time Weighted Average (TWA): |                                              | IR_OEL          |
| Limestone<br>1317-65-3<br>[CALCIUM CARBONATE]         |     | 10                | Time Weighted Average (TWA): |                                              | IR_OEL          |
| Titanium dioxide<br>13463-67-7<br>[TITANIUM DIOXIDE]  |     | 10                | Time Weighted Average (TWA): |                                              | IR_OEL          |
| Titanium dioxide<br>13463-67-7<br>[TITANIUM DIOXIDE]  |     | 4                 | Time Weighted Average (TWA): |                                              | IR_OEL          |
| Methanol<br>67-56-1<br>[METHANOL]                     | 200 | 260               | Time Weighted Average (TWA): | Indicative OELV                              | IR_OEL          |
| Methanol<br>67-56-1<br>[METHANOL]                     |     |                   | Skin designation:            | Can be absorbed through the skin.            | IR_OEL          |
| Methanol<br>67-56-1<br>[METHANOL]                     | 200 | 260               | Time Weighted Average (TWA): | Indicative                                   | ECLTV           |

**Predicted No-Effect Concentration (PNEC):**

| Name on list                       | Environmental Compartment | Exposure period | Value     |     |            |        | Remarks |
|------------------------------------|---------------------------|-----------------|-----------|-----|------------|--------|---------|
|                                    |                           |                 | mg/l      | ppm | mg/kg      | others |         |
| Trimethoxyvinylsilane<br>2768-02-7 | aqua (freshwater)         |                 | 0,4 mg/l  |     |            |        |         |
| Trimethoxyvinylsilane<br>2768-02-7 | aqua (marine water)       |                 | 0,04 mg/l |     |            |        |         |
| Trimethoxyvinylsilane<br>2768-02-7 | Freshwater - intermittent |                 | 1,21 mg/l |     |            |        |         |
| Trimethoxyvinylsilane<br>2768-02-7 | sediment (freshwater)     |                 |           |     | 1,5 mg/kg  |        |         |
| Trimethoxyvinylsilane<br>2768-02-7 | sediment (marine water)   |                 |           |     | 0,15 mg/kg |        |         |
| Trimethoxyvinylsilane<br>2768-02-7 | Soil                      |                 |           |     | 0,06 mg/kg |        |         |

**Derived No-Effect Level (DNEL):**

| Name on list                       | Application Area   | Route of Exposure | Health Effect                                | Exposure Time | Value                  | Remarks |
|------------------------------------|--------------------|-------------------|----------------------------------------------|---------------|------------------------|---------|
| Trimethoxyvinylsilane<br>2768-02-7 | Workers            | dermal            | Long term exposure - systemic effects        |               | 0,91 mg/kg             |         |
| Trimethoxyvinylsilane<br>2768-02-7 | Workers            | inhalation        | Long term exposure - systemic effects        |               | 27,6 mg/m <sup>3</sup> |         |
| Trimethoxyvinylsilane<br>2768-02-7 | General population | dermal            | Long term exposure - systemic effects        |               | 0,63 mg/kg             |         |
| Trimethoxyvinylsilane<br>2768-02-7 | General population | inhalation        | Long term exposure - systemic effects        |               | 6,8 mg/m <sup>3</sup>  |         |
| Trimethoxyvinylsilane<br>2768-02-7 | General population | oral              | Long term exposure - systemic effects        |               | 0,63 mg/kg             |         |
| Trimethoxyvinylsilane<br>2768-02-7 | Workers            | inhalation        | Acute/short term exposure - systemic effects |               | 73,6 mg/m <sup>3</sup> |         |
| Trimethoxyvinylsilane<br>2768-02-7 | General population | inhalation        | Acute/short term exposure - systemic effects |               | 54,4 mg/m <sup>3</sup> |         |

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

Filter : AX (EN 14387)

This recommendation should be matched to local conditions.

Hand protection:

Recommended are gloves made from Nitril rubber ( Material thickness >0,1 mm, Perforation time < 30s).Gloves should be replaced after each short time contact or contamination. Available at laboratory specialized trade or at pharmacies / chemist's shops.

Eye protection:

Goggles which can be tightly sealed.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                            |                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Physical state             | solid                                                                                                                               |
| Delivery form              | paste                                                                                                                               |
| Colour                     | varied, according to coloration                                                                                                     |
| Odor                       | specific                                                                                                                            |
| Melting point              | 70 - 75 °C (158 - 167 °F)                                                                                                           |
| Solidification temperature | Not applicable, Product is a solid.                                                                                                 |
| Initial boiling point      | 320 - 360 °C (608 - 680 °F)                                                                                                         |
| Flammability               | Not applicable<br>Mixture is not readily combustible nor affected by friction.                                                      |
| Explosive limits           | Not applicable, Product is a solid.                                                                                                 |
| Flash point                | Not applicable, Product is a solid.                                                                                                 |
| Auto-ignition temperature  | Not applicable, Product is a solid.                                                                                                 |
| Decomposition temperature  | Not applicable, Substance/mixture is not self-reactive, no organic peroxide and does not decompose under foreseen conditions of use |
| pH                         | Not applicable, Product is non-soluble (in water).                                                                                  |
| Viscosity (kinematic)      | Not applicable, Product is a solid.                                                                                                 |

|                                                             |                                                   |
|-------------------------------------------------------------|---------------------------------------------------|
| Viscosity, dynamic<br>( )                                   | Not applicable                                    |
| Solubility (qualitative)<br>(20 °C (68 °F); Solvent: Water) | Insoluble                                         |
| Partition coefficient: n-octanol/water                      | Not applicable                                    |
| Vapour pressure<br>(20 °C (68 °F))                          | Mixture<br>< 0,5 Pa                               |
| Density<br>(20 °C (68 °F))                                  | 1,39 g/cm <sup>3</sup> no method                  |
| Relative vapour density:                                    | Not applicable, Product is a solid.               |
| Particle characteristics                                    | Particle Size Not applicable, mixture is a paste. |

## 9.2. Other information

Other information not applicable for this product

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None if used for intended purpose.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

None if used for intended purpose.

### 10.5. Incompatible materials

None if used properly.

### 10.6. Hazardous decomposition products

Evolves methanol during cure.

## SECTION 11: Toxicological information

### General toxicological information:

An allergic reaction cannot be excluded after repeated skin contact.

### 1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Value<br>type | Value       | Species | Method                                   |
|------------------------------------|---------------|-------------|---------|------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | LD50          | 7.120 mg/kg | rat     | OECD Guideline 401 (Acute Oral Toxicity) |

#### Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Value<br>type | Value       | Species | Method                                     |
|------------------------------------|---------------|-------------|---------|--------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | LD50          | 3.200 mg/kg | rabbit  | OECD Guideline 402 (Acute Dermal Toxicity) |

**Acute inhalative toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Value<br>type | Value     | Test atmosphere | Exposure<br>time | Species | Method                                         |
|------------------------------------|---------------|-----------|-----------------|------------------|---------|------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | LC50          | 16,8 mg/l | vapour          | 4 h              | rat     | OECD Guideline 403 (Acute Inhalation Toxicity) |

**Skin corrosion/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Result         | Exposure<br>time | Species | Method           |
|------------------------------------|----------------|------------------|---------|------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | not irritating |                  | rabbit  | other guideline: |

**Serious eye damage/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Result         | Exposure<br>time | Species | Method                                                |
|------------------------------------|----------------|------------------|---------|-------------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | not irritating |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

**Respiratory or skin sensitization:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Result      | Test type    | Species    | Method                                  |
|------------------------------------|-------------|--------------|------------|-----------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | sensitising | Buehler test | guinea pig | OECD Guideline 406 (Skin Sensitisation) |

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Result   | Type of study /<br>Route of<br>administration          | Metabolic<br>activation /<br>Exposure time | Species | Method                                                                   |
|------------------------------------|----------|--------------------------------------------------------|--------------------------------------------|---------|--------------------------------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | negative | bacterial reverse<br>mutation assay (e.g<br>Ames test) | with and without                           |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)              |
| Trimethoxyvinylsilane<br>2768-02-7 | positive | in vitro mammalian<br>chromosome<br>aberration test    | with and without                           |         | OECD Guideline 473 (In vitro<br>Mammalian Chromosome<br>Aberration Test) |
| Trimethoxyvinylsilane<br>2768-02-7 | negative | mammalian cell<br>gene mutation assay                  | with and without                           |         | OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test)    |
| Trimethoxyvinylsilane<br>2768-02-7 | negative | intraperitoneal                                        |                                            | mouse   | other guideline:                                                         |

**Carcinogenicity**

No data available.



**Reproductive toxicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Result / Value       | Test type                   | Route of<br>application | Species | Method                                                                                                                          |
|------------------------------------|----------------------|-----------------------------|-------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | NOAEL P 250 mg/kg    | one-<br>generation<br>study | oral: gavage            | rat     | OECD Combined Repeated<br>Dose and Reproductive /<br>Developmental Toxicity<br>Screening Test (Precursor<br>Protocol of GL 422) |
| Trimethoxyvinylsilane<br>2768-02-7 | NOAEL P 1.000 mg/kg  | one-<br>generation<br>study | oral: gavage            | rat     | OECD Combined Repeated<br>Dose and Reproductive /<br>Developmental Toxicity<br>Screening Test (Precursor<br>Protocol of GL 422) |
| Trimethoxyvinylsilane<br>2768-02-7 | NOAEL F1 1.000 mg/kg | one-<br>generation<br>study | oral: gavage            | rat     | OECD Combined Repeated<br>Dose and Reproductive /<br>Developmental Toxicity<br>Screening Test (Precursor<br>Protocol of GL 422) |

**STOT-single exposure:**

No data available.

**STOT-repeated exposure::**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.    | Result / Value     | Route of<br>application | Exposure time /<br>Frequency of<br>treatment | Species | Method                                                                                                                                  |
|------------------------------------|--------------------|-------------------------|----------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | NOAEL < 62,5 mg/kg | oral: gavage            | 42d<br>daily                                 | rat     | OECD Guideline 422<br>(Combined Repeated<br>Dose Toxicity Study with<br>the Reproduction /<br>Developmental Toxicity<br>Screening Test) |
| Trimethoxyvinylsilane<br>2768-02-7 | NOAEL 0,605 mg/l   | inhalation:<br>vapour   | 5 days/week for 14<br>weeks<br>6 hours/day   | rat     | not specified                                                                                                                           |

**Aspiration hazard:**

No data available.

**11.2 Information on other hazards**

not applicable

## SECTION 12: Ecological information

### General ecological information:

Do not empty into drains, soil or bodies of water.

### 12.1. Toxicity

#### Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.       | Value type | Value    | Exposure time | Species             | Method                                         |
|------------------------------------|------------|----------|---------------|---------------------|------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | LC50       | 191 mg/l | 96 h          | Oncorhynchus mykiss | OECD Guideline 203 (Fish, Acute Toxicity Test) |

#### Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.       | Value type | Value      | Exposure time | Species       | Method                                     |
|------------------------------------|------------|------------|---------------|---------------|--------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | EC50       | 168,7 mg/l | 48 h          | Daphnia magna | EU Method C.2 (Acute Toxicity for Daphnia) |

#### Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.       | Value type | Value     | Exposure time | Species       | Method                                      |
|------------------------------------|------------|-----------|---------------|---------------|---------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | NOEC       | 28,1 mg/l | 21 d          | Daphnia magna | OECD 211 (Daphnia magna, Reproduction Test) |

#### Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.       | Value type | Value      | Exposure time | Species                 | Method                                |
|------------------------------------|------------|------------|---------------|-------------------------|---------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | EC50       | > 957 mg/l | 72 h          | Desmodesmus subspicatus | EU Method C.3 (Algal Inhibition test) |
| Trimethoxyvinylsilane<br>2768-02-7 | NOEC       | 957 mg/l   | 72 h          | Desmodesmus subspicatus | EU Method C.3 (Algal Inhibition test) |

#### Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.       | Value type | Value      | Exposure time | Species                                             | Method                                                             |
|------------------------------------|------------|------------|---------------|-----------------------------------------------------|--------------------------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | EC50       | > 100 mg/l | 3 h           | activated sludge of a predominantly domestic sewage | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |

### 12.2. Persistence and degradability

| Hazardous substances CAS-No.       | Result                     | Test type | Degradability | Exposure time | Method                                                                      |
|------------------------------------|----------------------------|-----------|---------------|---------------|-----------------------------------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | not readily biodegradable. | aerobic   | 51 %          | 28 d          | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |

### 12.3. Bioaccumulative potential

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

| Hazardous substances<br>CAS-No.    | PBT / vPvB                                                                                                            |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Trimethoxyvinylsilane<br>2768-02-7 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

**12.6. Endocrine disrupting properties**

not applicable

**12.7. Other adverse effects**

No data available.

### SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

080410

### SECTION 14: Transport information

**14.1. UN number or ID number**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.2. UN proper shipping name**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.3. Transport hazard class(es)**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.4. Packing group**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.5. Environmental hazards**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.6. Special precautions for user**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

## SECTION 15: Regulatory information

No information available:

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

|                                                                 |                |
|-----------------------------------------------------------------|----------------|
| Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): | Not applicable |
| Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):     | Not applicable |
| Persistent organic pollutants (Regulation (EU) 2019/1021):      | Not applicable |

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

## SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- H226 Flammable liquid and vapour.
- H317 May cause an allergic skin reaction.
- H332 Harmful if inhaled.
- H373 May cause damage to organs through prolonged or repeated exposure.

|             |                                                                                                                   |
|-------------|-------------------------------------------------------------------------------------------------------------------|
| ED:         | Substance identified as having endocrine disrupting properties                                                    |
| EU OEL:     | Substance with a Union workplace exposure limit                                                                   |
| EU EXPLD 1: | Substance listed in Annex I, Reg (EC) No. 2019/1148                                                               |
| EU EXPLD 2: | Substance listed in Annex II, Reg (EC) No. 2019/1148                                                              |
| SVHC:       | Substance of very high concern (REACH Candidate List)                                                             |
| PBT:        | Substance fulfilling persistent, bioaccumulative and toxic criteria                                               |
| PBT/vPvB:   | Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria |
| vPvB:       | Substance fulfilling very persistent and very bioaccumulative criteria                                            |

### Further information:

This Safety Data Sheet has been produced for sales from Henkel to parties purchasing from Henkel, is based on Regulation (EC) No 1907/2006 and provides information in accordance with applicable regulations of the European Union only. In that respect, no statement, warranty or representation of any kind is given as to compliance with any statutory laws or regulations of any other jurisdiction or territory other than the European Union. When exporting to territories other than the European Union, please consult with the respective Safety Data Sheet of the concerned territory to ensure compliance or liaise with Henkel's Product Safety and Regulatory Affairs Department ([ua-productsafety.de@henkel.com](mailto:ua-productsafety.de@henkel.com)) prior to export to other territories than the European Union.

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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The product is intended for industrial use.

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**