

## Klej silikonowy do montażu kolców Jacopic

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** Klej silikonowy do montażu kolców Jacopic  
**Other means of identification:**  
Not relevant
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses (Consumer use): Sealant  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**  
LAKMA SAT Sp.z.o.o.  
ul. Frysztacka 173  
43-400 Cieszyn - Polska  
Phone: +48 33 852 66 01, +48 33 852 66 95  
lakma.sat@lakma.com  
<http://www.lakma.pl>
- 1.4 Emergency telephone number:**

### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Warning**
- 
- Hazard statements:**  
Skin Sens. 1B: H317 - May cause an allergic skin reaction.
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P261: Avoid breathing vapours  
P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P501: Dispose of contents/container according to the separated collection system used in your municipality.
- Supplementary information:**  
Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine.
- Substances that contribute to the classification**  
Trimethoxyvinylsilane
- 2.3 Other hazards:**  
Product does not meet PBT/vPvB criteria  
Endocrine-disrupting properties: The product does not meet the criteria.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**  
Not relevant
- 3.2 Mixture:**  
**Chemical description:** Mixture composed of chemical products  
**Components:**

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification  | Chemical name/Classification  |   | Concentration             |
|---|---|---|---------------------------|
| CAS: 2768-02-7<br>EC: 220-449-8<br>Index: Not relevant<br>REACH: 01-2119513215-52-XXXX  | <b>Trimethoxyvinylsilane<sup>(1)</sup></b> Self-classified                        |   | <b>3 - &lt;0.5%</b>       |
|   | Regulation 1272/2008  | Acute Tox. 4: H332; Flam. Liq. 3: H226; Skin Sens. 1B: H317 - Warning    |                           |
| CAS: 67-56-1<br>EC: 200-659-6<br>Index: 603-001-00-X<br>REACH: 01-2119433307-44-XXXX    | <b>methanol<sup>(1)</sup></b> ATP CLP00   |   | <b>0.1 - &lt;0.3%</b>     |
|   | Regulation 1272/2008  | Acute Tox. 3: H301+H311+H331; Flam. Liq. 2: H225; STOT SE 1: H370 - Danger   |                           |
| CAS: 1760-24-3<br>EC: 217-164-6<br>Index: Not relevant<br>REACH: 01-2119970215-39-XXXX  | <b>N-(3-(trimethoxysilyl)propyl)ethylenediamine<sup>(1)</sup></b> Self-classified |   | <b>0.1 - &lt;0.3%</b>     |
|   | Regulation 1272/2008  | Acute Tox. 4: H332; Eye Dam. 1: H318; Skin Sens. 1: H317; STOT RE 2: H373 - Danger   |                           |
| CAS: 13463-41-7<br>EC: 236-671-3<br>Index: 613-333-00-7<br>REACH: 01-2119511196-46-XXXX | <b>Pyrithione zinc<sup>(1)</sup></b> ATP ATP15                                    |   | <b>0.00245 - &lt;0.1%</b> |
|   | Regulation 1272/2008  | Acute Tox. 2: H330; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Repr. 1B: H360D; STOT RE 1: H372 - Danger  |                           |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**Other information:**

| Identification | M-factor   |       |
|----------------|--|-------|
|                | Pyrithione zinc<br>CAS: 13463-41-7 EC: 236-671-3 | Acute |
|                | Chronic  | 10    |

| Identification                            | Specific concentration limit  |
|---|---|
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6 | % (w/w) >=10: STOT SE 1 - H370<br>3<= % (w/w) <10: STOT SE 2 - H371 |

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification  | Acute toxicity         |              | Genus |
|---|------------------------|--------------|-------|
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6                                       | LD50 oral              | 100 mg/kg    |       |
|   | LD50 dermal            | 300 mg/kg    |       |
|   | LC50 inhalation vapour | 3 mg/L       |       |
| Trimethoxyvinylsilane<br>CAS: 2768-02-7<br>EC: 220-449-8                        | LD50 oral              | Not relevant |       |
|   | LD50 dermal            | Not relevant |       |
|   | LC50 inhalation vapour | 11 mg/L      |       |
| N-(3-(trimethoxysilyl)propyl)ethylenediamine<br>CAS: 1760-24-3<br>EC: 217-164-6 | LD50 oral              | Not relevant |       |
|   | LD50 dermal            | Not relevant |       |
|   | LC50 inhalation vapour | 11 mg/L      |       |
| Pyrithione zinc<br>CAS: 13463-41-7<br>EC: 236-671-3                             | LD50 oral              | 300 mg/kg    |       |
|   | LD50 dermal            | Not relevant |       |
|   | LC50 inhalation vapour | 0,8 mg/L *   |       |

\*Equivalent ATE value of the substance applicable to the exposure route of the product. For the ATE value associated with the exposure route of the substance, see section 11.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

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### SECTION 4: FIRST AID MEASURES (continued)

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters), seek medical advice with this Safety Data Sheet

**By eye contact:**

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

### SECTION 5: FIREFIGHTING MEASURES

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

Non-applicable

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EEC.

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

It is recommended to avoid environmental spillage of both the product and its container.

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

It is recommended:

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### SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

#### 6.4 Reference to other sections:

See sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

#### 7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C

Maximum Temp.: 25 °C

Maximum time: 12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

#### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification | Occupational exposure limits                          |            |
|----------------|---|------------|
|                | methanol <sup>(1)</sup><br>CAS: 67-56-1 EC: 200-659-6 | IOELV (8h) |
|                | IOELV (STEL)  |            |

<sup>(1)</sup> Skin

#### DNEL (Workers):

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Identification   |            | Short exposure        |                       | Long exposure          |                       |
|--|------------|-----------------------|-----------------------|------------------------|-----------------------|
|  |            | Systemic              | Local                 | Systemic               | Local                 |
| Trimethoxyvinylsilane<br>CAS: 2768-02-7<br>EC: 220-449-8 | Oral       | Not relevant          | Not relevant          | Not relevant           | Not relevant          |
|  | Dermal     | Not relevant          | Not relevant          | 3,9 mg/kg              | Not relevant          |
|  | Inhalation | Not relevant          | Not relevant          | 27,6 mg/m <sup>3</sup> | Not relevant          |
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6                | Oral       | Not relevant          | Not relevant          | Not relevant           | Not relevant          |
|  | Dermal     | 20 mg/kg              | Not relevant          | 20 mg/kg               | Not relevant          |
|  | Inhalation | 130 mg/m <sup>3</sup> | 130 mg/m <sup>3</sup> | 130 mg/m <sup>3</sup>  | 130 mg/m <sup>3</sup> |
| Pyrithione zinc<br>CAS: 13463-41-7<br>EC: 236-671-3      | Oral       | Not relevant          | Not relevant          | Not relevant           | Not relevant          |
|  | Dermal     | Not relevant          | Not relevant          | 0,01 mg/kg             | Not relevant          |
|  | Inhalation | Not relevant          | Not relevant          | Not relevant           | Not relevant          |

**DNEL (General population):**

| Identification   |            | Short exposure       |                      | Long exposure          |                      |
|--|------------|----------------------|----------------------|------------------------|----------------------|
|  |            | Systemic             | Local                | Systemic               | Local                |
| Trimethoxyvinylsilane<br>CAS: 2768-02-7<br>EC: 220-449-8 | Oral       | Not relevant         | Not relevant         | 0,3 mg/kg              | Not relevant         |
|  | Dermal     | Not relevant         | Not relevant         | 7,8 mg/kg              | Not relevant         |
|  | Inhalation | Not relevant         | Not relevant         | 18,9 mg/m <sup>3</sup> | Not relevant         |
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6                | Oral       | 4 mg/kg              | Not relevant         | 4 mg/kg                | Not relevant         |
|  | Dermal     | 4 mg/kg              | Not relevant         | 4 mg/kg                | Not relevant         |
|  | Inhalation | 26 mg/m <sup>3</sup> | 26 mg/m <sup>3</sup> | 26 mg/m <sup>3</sup>   | 26 mg/m <sup>3</sup> |

**PNEC:**

| Identification  |              |              |                         |              |
|---|--------------|--------------|-------------------------|--------------|
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6                                       | STP          | 100 mg/L     | Fresh water             | 20,8 mg/L    |
|   | Soil         | 100 mg/kg    | Marine water            | 2,08 mg/L    |
|   | Intermittent | 1540 mg/L    | Sediment (Fresh water)  | 77 mg/kg     |
|   | Oral         | Not relevant | Sediment (Marine water) | 7,7 mg/kg    |
| N-(3-(trimethoxysilyl)propyl)ethylenediamine<br>CAS: 1760-24-3<br>EC: 217-164-6 | STP          | 25 mg/L      | Fresh water             | 0,062 mg/L   |
|   | Soil         | 0,009 mg/kg  | Marine water            | 0,006 mg/L   |
|   | Intermittent | 0,62 mg/L    | Sediment (Fresh water)  | 0,22 mg/kg   |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,022 mg/kg  |
| Pyrithione zinc<br>CAS: 13463-41-7<br>EC: 236-671-3                             | STP          | 0,01 mg/L    | Fresh water             | 0,00009 mg/L |
|   | Soil         | 1,02 mg/kg   | Marine water            | 0,00009 mg/L |
|   | Intermittent | Not relevant | Sediment (Fresh water)  | 0,009 mg/kg  |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,009 mg/kg  |

**8.2 Exposure controls:**

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Not relevant

D.- Eye and face protection

Not relevant

E.- Body protection

Not relevant

F.- Additional emergency measures

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

It is not necessary to take additional emergency measures.

#### Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

#### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |               |
|---------------------------|---------------|
| V.O.C. (Supply):          | 0,47 % weight |
| V.O.C. density at 20 °C:  | Not relevant  |
| Average carbon number:    | 1             |
| Average molecular weight: | 164,8 g/mol   |

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

##### Appearance:

|                          |  |
|--------------------------|--|
| Physical state at 20 °C: | Liquid                                   |
| Appearance:              | Paste                                    |
| Colour:                  | According to the markings on the package |
| Odour:                   | Alcohol                                  |
| Odour threshold:         | Not relevant *                           |

##### Volatility:

|  |                         |
|--|-------------------------|
| Boiling point at atmospheric pressure: | Not relevant *          |
| Vapour pressure at 20 °C:              | Not relevant *          |
| Vapour pressure at 50 °C:              | 10863,82 Pa (10,86 kPa) |
| Evaporation rate at 20 °C:             | Not relevant *          |

##### Product description:

|  |                          |
|--|--------------------------|
| Density at 20 °C:                            | Not relevant *           |
| Relative density at 20 °C:                   | 1 - 1,04                 |
| Dynamic viscosity at 20 °C:                  | Not relevant *           |
| Kinematic viscosity at 20 °C:                | Not relevant *           |
| Kinematic viscosity at 40 °C:                | >20,5 mm <sup>2</sup> /s |
| Concentration:                               | Not relevant *           |
| pH:  | Not relevant *           |
| Vapour density at 20 °C:                     | Not relevant *           |
| Partition coefficient n-octanol/water 20 °C: | Not relevant *           |
| Solubility in water at 20 °C:                | Not relevant *           |
| Solubility properties:                       | Not relevant *           |
| Decomposition temperature:                   | Not relevant *           |
| Melting point/freezing point:                | Not relevant *           |

##### Flammability:

|                            |                        |
|----------------------------|------------------------|
| Flash Point:               | Non Flammable (>60 °C) |
| Flammability (solid, gas): | Not relevant *         |
| Autoignition temperature:  | Not relevant *         |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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## Klej silikonowy do montażu kołców Jacopic

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Lower flammability limit: Not relevant \*

Upper flammability limit: Not relevant \*

#### Particle characteristics:

Median equivalent diameter: Not relevant \*

#### 9.2 Other information:

##### Information with regard to physical hazard classes:

Explosive properties: Not relevant \*

Oxidising properties: Not relevant \*

Corrosive to metals: Not relevant \*

Heat of combustion: Not relevant \*

Aerosols-total percentage (by mass) of flammable components: Not relevant \*

##### Other safety characteristics:

Surface tension at 20 °C: Not relevant \*

Refraction index: Not relevant \*

\*Not relevant due to the nature of the product, not providing information property of its hazards.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

#### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight   | Humidity       |
|--------------------|------------------|-------------------------|------------|----------------|
| Not applicable     | Not applicable   | Precaution              | Precaution | Not applicable |

#### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

#### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

##### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

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## Klej silikonowy do montażu kołców Jacopic

### SECTION 11: TOXICOLOGICAL INFORMATION (continued)

#### B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

#### D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Not relevant
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

#### E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

#### F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous as a result of a single exposure. For more information see section 3.

#### G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### Other information:

Not relevant

#### Specific toxicology information on the substances:

| Identification  | Acute toxicity         |             | Genus  |
|---|------------------------|-------------|--------|
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6                                       | LD50 oral              | 100 mg/kg   |        |
|   | LD50 dermal            | 300 mg/kg   |        |
|   | LC50 inhalation vapour | 3 mg/L      |        |
| Trimethoxyvinylsilane<br>CAS: 2768-02-7<br>EC: 220-449-8                        | LD50 oral              | >2000 mg/kg |        |
|   | LD50 dermal            | 3870 mg/kg  | Rabbit |
|   | LC50 inhalation vapour | 11 mg/L     |        |
| N-(3-(trimethoxysilyl)propyl)ethylenediamine<br>CAS: 1760-24-3<br>EC: 217-164-6 | LD50 oral              | 2295 mg/kg  | Rat    |
|   | LD50 dermal            | >2000 mg/kg |        |
|   | LC50 inhalation vapour | 11 mg/L     |        |
| Pyrithione zinc<br>CAS: 13463-41-7<br>EC: 236-671-3                             | LD50 oral              | 300 mg/kg   | Rat    |
|   | LD50 dermal            | >2000 mg/kg |        |
|   | LC50 inhalation mist   | 0,14 mg/L   | Rat    |

#### Acute Toxicity Estimate (ATE mix):

| ATE mix |                                  | Ingredient(s) of unknown toxicity |
|---------|----------------------------------|-----------------------------------|
| Oral    | 50000 mg/kg (Calculation method) | 0 %                               |

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**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

|                        |  |     |
|------------------------|--|-----|
| Dermal                 | 150000 mg/kg (Calculation method)      | 0 % |
| LC50 inhalation vapour | 259,84 mg/L (4 h) (Calculation method) | 0 % |

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

**Other information**

Not relevant

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Toxicity:**

**Acute toxicity:**

| Identification                                      | Concentration |                   | Species             | Genus      |
|---|---------------|-------------------|---------------------|------------|
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6           | LC50          | 15400 mg/L (96 h) | Lepomis macrochirus | Fish       |
|   | EC50          | Not relevant      |                     |            |
|   | EC50          | Not relevant      |                     |            |
| Pyrithione zinc<br>CAS: 13463-41-7<br>EC: 236-671-3 | LC50          | 0,003 mg/L (96 h) | Pimephales promelas | Fish       |
|   | EC50          | 0,008 mg/L (48 h) | Daphnia magna       | Crustacean |
|   | EC50          | Not relevant      |                     |            |

**Chronic toxicity:**

| Identification                                   | Concentration |              | Species       | Genus      |
|--|---------------|--------------|---------------|------------|
| Pyrithione zinc<br>CAS: 13463-41-7 EC: 236-671-3 | NOEC          | Not relevant |               |            |
|  | NOEC          | 0,022 mg/L   | Daphnia magna | Crustacean |

**12.2 Persistence and degradability:**

**Substance-specific information:**

| Identification  | Degradability |              | Biodegradability |              |
|---|---------------|--------------|------------------|--------------|
|   |               |              |                  |              |
| Trimethoxyvinylsilane<br>CAS: 2768-02-7<br>EC: 220-449-8                        | BOD5          | Not relevant | Concentration    | 104 mg/L     |
|   | COD           | Not relevant | Period           | 28 days      |
|   | BOD5/COD      | Not relevant | % Biodegradable  | 51 %         |
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6                                       | BOD5          | 1236 g O2/g  | Concentration    | Not relevant |
|   | COD           | Not relevant | Period           | Not relevant |
|   | BOD5/COD      | Not relevant | % Biodegradable  | Not relevant |
| N-(3-(trimethoxysilyl)propyl)ethylenediamine<br>CAS: 1760-24-3<br>EC: 217-164-6 | BOD5          | Not relevant | Concentration    | Not relevant |
|   | COD           | Not relevant | Period           | 28 days      |
|   | BOD5/COD      | Not relevant | % Biodegradable  | 39 %         |

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

| Identification   | Bioaccumulation potential |       |
|--|---------------------------|-------|
|  |                           |       |
| Trimethoxyvinylsilane<br>CAS: 2768-02-7<br>EC: 220-449-8 | BCF                       |       |
|  | Pow Log                   | -0.82 |
|  | Potential                 |       |
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6                | BCF                       |       |
|  | Pow Log                   | -0.77 |
|  | Potential                 |       |

**12.4 Mobility in soil:**

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## Klej silikonowy do montażu kołców Jacopic

### SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification   | Absorption/desorption |                      | Volatility |                                |
|--|-----------------------|----------------------|------------|--------------------------------|
|  | Koc                   | 0.95                 | Henry      | 4,61E-1 Pa·m <sup>3</sup> /mol |
| Trimethoxyvinylsilane<br>CAS: 2768-02-7<br>EC: 220-449-8 | Conclusion            | Very High            | Dry soil   | Yes                            |
|  | Surface tension       | Not relevant         | Moist soil | Yes                            |
|  | Koc                   | Not relevant         | Henry      | 4,61E-1 Pa·m <sup>3</sup> /mol |
| methanol<br>CAS: 67-56-1<br>EC: 200-659-6                | Conclusion            | Not relevant         | Dry soil   | Yes                            |
|  | Surface tension       | 2,355E-2 N/m (25 °C) | Moist soil | Yes                            |
|  | Koc                   | Not relevant         | Henry      | 4,61E-1 Pa·m <sup>3</sup> /mol |

#### 12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

#### 12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

#### 12.7 Other adverse effects:

Not described

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

| Code     | Description   | Waste class (Regulation (EU) No 1357/2014) |
|----------|---|--|
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 | Non-hazardous                              |

#### Type of waste (Regulation (EU) No 1357/2014):

Not relevant

#### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

#### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

### SECTION 14: TRANSPORT INFORMATION

#### Transport of dangerous goods by land:

With regard to ADR 2025 and RID 2025:

- |  |               |
|--|---------------|
| <b>14.1 UN number or ID number:</b>                                  | Not relevant  |
| <b>14.2 UN proper shipping name:</b>                                 | Not relevant  |
| <b>14.3 Transport hazard class(es):</b>                              | Not relevant  |
| Labels:  | Not relevant  |
| <b>14.4 Packing group:</b>   | Not relevant  |
| <b>14.5 Environmental hazards:</b>                                   | No            |
| <b>14.6 Special precautions for user</b>                             |               |
| Special regulations:   | Not relevant  |
| Tunnel restriction code:   | Not relevant  |
| Physico-Chemical properties:   | see section 9 |
| Limited quantities:  | Not relevant  |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant  |

#### Transport of dangerous goods by sea:

With regard to IMDG 42-24:

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## Klej silikonowy do montażu kołców Jacopic

### SECTION 14: TRANSPORT INFORMATION (continued)

|  |               |
|--|---------------|
| <b>14.1 UN number or ID number:</b>                                  | Not relevant  |
| <b>14.2 UN proper shipping name:</b>                                 | Not relevant  |
| <b>14.3 Transport hazard class(es):</b>                              | Not relevant  |
| Labels:  | Not relevant  |
| <b>14.4 Packing group:</b>   | Not relevant  |
| <b>14.5 Marine pollutant:</b>  | No            |
| <b>14.6 Special precautions for user</b>                             |               |
| Special regulations:   | Not relevant  |
| EmS Codes:   |               |
| Physico-Chemical properties:   | see section 9 |
| Limited quantities:  | Not relevant  |
| Segregation group:   | Not relevant  |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant  |

#### Transport of dangerous goods by air:

With regard to IATA/ICAO 2025:

|  |               |
|--|---------------|
| <b>14.1 UN number or ID number:</b>                                  | Not relevant  |
| <b>14.2 UN proper shipping name:</b>                                 | Not relevant  |
| <b>14.3 Transport hazard class(es):</b>                              | Not relevant  |
| Labels:  | Not relevant  |
| <b>14.4 Packing group:</b>   | Not relevant  |
| <b>14.5 Environmental hazards:</b>                                   | No            |
| <b>14.6 Special precautions for user</b>                             |               |
| Physico-Chemical properties:   | see section 9 |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant  |

### SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Pyrethione zinc.

- Article 95, REGULATION (EU) No 528/2012: *Pyrethione zinc (13463-41-7) - PT: (2, 6, 7, 9, 10, 21)*

- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant

- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant

- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant

- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant

- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Shall not be used in:

—ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,

—tricks and jokes,

—games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectorial legislation

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

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## Klej silikonowy do montażu kołców Jacopic

### SECTION 16: OTHER INFORMATION

#### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

#### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

#### Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### CLP Regulation (EC) No 1272/2008:

Acute Tox. 2: H330 - Fatal if inhaled.

Acute Tox. 3: H301 - Toxic if swallowed.

Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.

Acute Tox. 4: H332 - Harmful if inhaled.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Eye Dam. 1: H318 - Causes serious eye damage.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Repr. 1B: H360D - May damage the unborn child.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Skin Sens. 1B: H317 - May cause an allergic skin reaction.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

STOT SE 1: H370 - Causes damage to organs.

#### Classification procedure:

Skin Sens. 1B: Calculation method

#### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

#### Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

#### Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -