



## Liqcreate - Gingiva Mask

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

- 1.1 Product identifier:** Liqcreate - Gingiva Mask  
**Other means of identification:**  
UFI: A8RY-E063-000Q-6VSO
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Resin for 3D Printing. For professional users/industrial user only.  
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:**  
ALT Group BV  
Texasdreef 7  
3565 CL Utrecht - The Netherlands  
Phone: +31850605849  
info@liqcreate.com  
www.liqcreate.com
- 1.4 Emergency telephone number:** +31850605849 Mo-Fr 8:30-17:00

## 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.  
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411  
Eye Irrit. 2: Eye irritation, Category 2, H319  
Skin Irrit. 2: Skin irritation, Category 2, H315  
Skin Sens. 1B: Sensitisation, skin, Category 1B, H317
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Warning**
-  
- Hazard statements:**  
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  
Eye Irrit. 2: H319 - Causes serious eye irritation.  
Skin Irrit. 2: H315 - Causes skin irritation.  
Skin Sens. 1B: H317 - May cause an allergic skin reaction.
- Precautionary statements:**  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash thoroughly after handling.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P391: Collect spillage.  
P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.
- Supplementary information:**  
Contains (5-ethyl-1,3-dioxan-5-yl)methyl acrylate, 2,2-bis(acryloyloxymethyl)butyl acrylate, Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide, pentaerythritol tetraacrylate.
- 2.3 Other hazards:**

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## Liqcreate - Gingiva Mask

## SECTION 2: HAZARDS IDENTIFICATION (continued)

Product fails to meet PBT/vPvB criteria

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1 Substance:

Non-applicable

## 3.2 Mixture:

Chemical description: Mixture of substances

## Components:

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

| Identification  | Chemical name/Classification  | Concentration |
|---|---|---------------|
| CAS: Non-applicable<br>EC: 944-664-8<br>Index: Non-applicable<br>REACH: Non-applicable  | <b>Urethane Acrylate Oligomer<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning   | 9 - <30 %     |
| CAS: 4986-89-4<br>EC: 225-644-1<br>Index: 607-122-00-9<br>REACH: Non-applicable         | <b>pentaerythritol tetraacrylate<sup>(1)</sup></b> ATP CLP00<br>Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning  | 9 - <30 %     |
| CAS: 66492-51-1<br>EC: 266-380-7<br>Index: 607-133-00-9<br>REACH: 01-2119976303-36-XXXX | <b>(5-ethyl-1,3-dioxan-5-yl)methyl acrylate<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning   | 9 - <30 %     |
| CAS: 7534-94-3<br>EC: 231-403-1<br>Index: 607-134-00-4<br>REACH: 01-2119886505-27-XXXX  | <b>exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate<sup>(1)</sup></b> ATP CLP00<br>Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H335 - Warning   | 3 - <9 %      |
| CAS: 75980-60-8<br>EC: 278-355-8<br>Index: 015-203-00-X<br>REACH: 01-2119972295-29-XXXX | <b>Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Aquatic Chronic 2: H411; Repr. 2: H361f; Skin Sens. 1B: H317 - Warning   | 2 - <2,5 %    |
| CAS: 15625-89-5<br>EC: 239-701-3<br>Index: 607-111-00-9<br>REACH: 01-2119489896-11-XXXX | <b>2,2-bis(acryloyloxymethyl)butyl acrylate<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning | 0,5 - <2 %    |
| CAS: 108-88-3<br>EC: 203-625-9<br>Index: 601-021-00-3<br>REACH: 01-2119471310-51-XXXX   | <b>Toluene<sup>(2)</sup></b> ATP CLP00<br>Regulation 1272/2008 Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336 - Danger  | 0,01 - <0,1 % |
| CAS: 123-86-4<br>EC: 204-658-1<br>Index: 607-025-00-1<br>REACH: 01-2119485493-29-XXXX   | <b>N-butyl acetate<sup>(2)</sup></b> ATP CLP00<br>Regulation 1272/2008 Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning  | <0,01 %       |
| CAS: 104-76-7<br>EC: 203-234-3<br>Index: Non-applicable<br>REACH: 01-2119487289-20-XXXX | <b>2-ethylhexanol<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Acute Tox. 4: H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H335 - Warning  | <0,01 %       |
| CAS: 108-65-6<br>EC: 203-603-9<br>Index: 607-195-00-7<br>REACH: 01-2119475791-29-XXXX   | <b>2-methoxy-1-methylethyl acetate<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Flam. Liq. 3: H226; STOT SE 3: H336 - Warning  | <0,01 %       |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830<sup>(2)</sup> Substance with a Union workplace exposure limit

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

## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures:

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**Liqcreate - Gingiva Mask****SECTION 4: FIRST AID MEASURES (continued)**

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:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**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:**

Non-applicable

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media:****Suitable extinguishing media:**

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

**Unsuitable extinguishing media:**

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

**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/EC.

**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. Destroy 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.

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## Liqcreate - Gingiva Mask

## SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

**For emergency responders:**

See section 8.

**6.2 Environmental precautions:**

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

**6.4 Reference to other sections:**

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling:****A.- Precautions for safe manipulation**

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

**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 to prevent ergonomic and toxicological risks**

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

**D.- Technical recommendations to prevent environmental risks**

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

**7.2 Conditions for safe storage, including any incompatibilities:****A.- Technical measures for storage**

Minimum Temp.: 5 °C  
Maximum Temp.: 30 °C  
Maximum time: 15 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 |         |                       |
|--|--|------------------------------|---------|-----------------------|
| Toluene<br>CAS: 108-88-3 EC: 203-625-9         |  | IOELV (8h)                   | 50 ppm  | 192 mg/m <sup>3</sup> |
|  |  | IOELV (STEL)                 | 100 ppm | 384 mg/m <sup>3</sup> |
| N-butyl acetate<br>CAS: 123-86-4 EC: 204-658-1 |  | IOELV (8h)                   | 50 ppm  | 241 mg/m <sup>3</sup> |
|  |  | IOELV (STEL)                 | 150 ppm | 723 mg/m <sup>3</sup> |
| 2-ethylhexanol<br>CAS: 104-76-7 EC: 203-234-3  |  | IOELV (8h)                   | 1 ppm   | 5,4 mg/m <sup>3</sup> |
|  |  | IOELV (STEL)                 |         |                       |

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

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 |         |                       |
|---------------------------------|------------------------------|---------|-----------------------|
| 2-methoxy-1-methylethyl acetate | IOELV (8h)                   | 50 ppm  | 275 mg/m <sup>3</sup> |
| CAS: 108-65-6 EC: 203-603-9     | IOELV (STEL)                 | 100 ppm | 550 mg/m <sup>3</sup> |

#### DNEL (Workers):

| Identification   |            | Short exposure        |                        | Long exposure           |                        |
|--|------------|-----------------------|------------------------|-------------------------|------------------------|
|  |            | Systemic              | Local                  | Systemic                | Local                  |
| exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate<br>CAS: 7534-94-3<br>EC: 231-403-1 | Oral       | Non-applicable        | Non-applicable         | Non-applicable          | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 0,35 mg/kg              | Non-applicable         |
|  | Inhalation | Non-applicable        | Non-applicable         | 1,22 mg/m <sup>3</sup>  | Non-applicable         |
| Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide<br>CAS: 75980-60-8<br>EC: 278-355-8        | Oral       | Non-applicable        | Non-applicable         | Non-applicable          | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 0,233 mg/kg             | Non-applicable         |
|  | Inhalation | Non-applicable        | Non-applicable         | 0,822 mg/m <sup>3</sup> | Non-applicable         |
| 2,2-bis(acryloyloxymethyl)butyl acrylate<br>CAS: 15625-89-5<br>EC: 239-701-3               | Oral       | Non-applicable        | Non-applicable         | Non-applicable          | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 83 mg/kg                | Non-applicable         |
|  | Inhalation | Non-applicable        | Non-applicable         | 3,5 mg/m <sup>3</sup>   | Non-applicable         |
| Toluene<br>CAS: 108-88-3<br>EC: 203-625-9  | Oral       | Non-applicable        | Non-applicable         | Non-applicable          | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 384 mg/kg               | Non-applicable         |
|  | Inhalation | 384 mg/m <sup>3</sup> | 384 mg/m <sup>3</sup>  | 192 mg/m <sup>3</sup>   | 192 mg/m <sup>3</sup>  |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1  | Oral       | Non-applicable        | Non-applicable         | Non-applicable          | Non-applicable         |
|  | Dermal     | 11 mg/kg              | Non-applicable         | 11 mg/kg                | Non-applicable         |
|  | Inhalation | 600 mg/m <sup>3</sup> | 600 mg/m <sup>3</sup>  | 300 mg/m <sup>3</sup>   | 300 mg/m <sup>3</sup>  |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3   | Oral       | Non-applicable        | Non-applicable         | Non-applicable          | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 23 mg/kg                | Non-applicable         |
|  | Inhalation | Non-applicable        | 53,2 mg/m <sup>3</sup> | 12,8 mg/m <sup>3</sup>  | 53,2 mg/m <sup>3</sup> |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                          | Oral       | Non-applicable        | Non-applicable         | Non-applicable          | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 796 mg/kg               | Non-applicable         |
|  | Inhalation | Non-applicable        | 550 mg/m <sup>3</sup>  | 275 mg/m <sup>3</sup>   | Non-applicable         |

#### DNEL (General population):

| Identification   |            | Short exposure        |                        | Long exposure           |                        |
|--|------------|-----------------------|------------------------|-------------------------|------------------------|
|  |            | Systemic              | Local                  | Systemic                | Local                  |
| exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate<br>CAS: 7534-94-3<br>EC: 231-403-1 | Oral       | Non-applicable        | Non-applicable         | 0,21 mg/kg              | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 0,21 mg/kg              | Non-applicable         |
|  | Inhalation | Non-applicable        | Non-applicable         | 0,36 mg/m <sup>3</sup>  | Non-applicable         |
| Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide<br>CAS: 75980-60-8<br>EC: 278-355-8        | Oral       | Non-applicable        | Non-applicable         | 0,0833 mg/kg            | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 0,0833 mg/kg            | Non-applicable         |
|  | Inhalation | Non-applicable        | Non-applicable         | 0,145 mg/m <sup>3</sup> | Non-applicable         |
| 2,2-bis(acryloyloxymethyl)butyl acrylate<br>CAS: 15625-89-5<br>EC: 239-701-3               | Oral       | Non-applicable        | Non-applicable         | 0,5 mg/kg               | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 42 mg/kg                | Non-applicable         |
|  | Inhalation | Non-applicable        | Non-applicable         | 0,87 mg/m <sup>3</sup>  | Non-applicable         |
| Toluene<br>CAS: 108-88-3<br>EC: 203-625-9  | Oral       | Non-applicable        | Non-applicable         | 8,13 mg/kg              | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 226 mg/kg               | Non-applicable         |
|  | Inhalation | 226 mg/m <sup>3</sup> | 226 mg/m <sup>3</sup>  | 56,5 mg/m <sup>3</sup>  | 56,5 mg/m <sup>3</sup> |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1  | Oral       | 2 mg/kg               | Non-applicable         | 2 mg/kg                 | Non-applicable         |
|  | Dermal     | 6 mg/kg               | Non-applicable         | 6 mg/kg                 | Non-applicable         |
|  | Inhalation | 300 mg/m <sup>3</sup> | 300 mg/m <sup>3</sup>  | 35,7 mg/m <sup>3</sup>  | 35,7 mg/m <sup>3</sup> |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3   | Oral       | Non-applicable        | Non-applicable         | 1,1 mg/kg               | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 11,4 mg/kg              | Non-applicable         |
|  | Inhalation | Non-applicable        | 26,6 mg/m <sup>3</sup> | 2,3 mg/m <sup>3</sup>   | 26,6 mg/m <sup>3</sup> |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                          | Oral       | Non-applicable        | Non-applicable         | 36 mg/kg                | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable         | 320 mg/kg               | Non-applicable         |
|  | Inhalation | Non-applicable        | Non-applicable         | 33 mg/m <sup>3</sup>    | 33 mg/m <sup>3</sup>   |

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## Liqcreate - Gingiva Mask

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

## PNEC:





| Identification   |              |                |                         |               |
|--|--------------|----------------|-------------------------|---------------|
| (5-ethyl-1,3-dioxan-5-yl)methyl acrylate<br>CAS: 66492-51-1<br>EC: 266-380-7               | STP          | 30 mg/L        | Fresh water             | 0,004 mg/L    |
|  | Soil         | 0,001 mg/kg    | Marine water            | 0 mg/L        |
|  | Intermittent | 0,04 mg/L      | Sediment (Fresh water)  | 0,019 mg/kg   |
|  | Oral         | Non-applicable | Sediment (Marine water) | 0,002 mg/kg   |
| exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate<br>CAS: 7534-94-3<br>EC: 231-403-1 | STP          | 2,45 mg/L      | Fresh water             | 0,00233 mg/L  |
|  | Soil         | 0,239 mg/kg    | Marine water            | 0,000233 mg/L |
|  | Intermittent | 0,0179 mg/L    | Sediment (Fresh water)  | 1,2 mg/kg     |
|  | Oral         | Non-applicable | Sediment (Marine water) | 0,12 mg/kg    |
| Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide<br>CAS: 75980-60-8<br>EC: 278-355-8        | STP          | Non-applicable | Fresh water             | 0,0014 mg/L   |
|  | Soil         | 0,0222 mg/kg   | Marine water            | 0,00014 mg/L  |
|  | Intermittent | 0,014 mg/L     | Sediment (Fresh water)  | 0,115 mg/kg   |
|  | Oral         | Non-applicable | Sediment (Marine water) | 0,0115 mg/kg  |
| 2,2-bis(acryloyloxymethyl)butyl acrylate<br>CAS: 15625-89-5<br>EC: 239-701-3               | STP          | 6,25 mg/L      | Fresh water             | 0,00087 mg/L  |
|  | Soil         | 0,003 mg/kg    | Marine water            | 0,000087 mg/L |
|  | Intermittent | 0,0087 mg/L    | Sediment (Fresh water)  | 0,017 mg/kg   |
|  | Oral         | 0,01 g/kg      | Sediment (Marine water) | 0,002 mg/kg   |
| Toluene<br>CAS: 108-88-3<br>EC: 203-625-9  | STP          | 13,61 mg/L     | Fresh water             | 0,68 mg/L     |
|  | Soil         | 2,89 mg/kg     | Marine water            | 0,68 mg/L     |
|  | Intermittent | 0,68 mg/L      | Sediment (Fresh water)  | 16,39 mg/kg   |
|  | Oral         | Non-applicable | Sediment (Marine water) | 16,39 mg/kg   |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1  | STP          | 35,6 mg/L      | Fresh water             | 0,18 mg/L     |
|  | Soil         | 0,09 mg/kg     | Marine water            | 0,018 mg/L    |
|  | Intermittent | 0,36 mg/L      | Sediment (Fresh water)  | 0,981 mg/kg   |
|  | Oral         | Non-applicable | Sediment (Marine water) | 0,098 mg/kg   |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3   | STP          | 10 mg/L        | Fresh water             | 0,017 mg/L    |
|  | Soil         | 0,047 mg/kg    | Marine water            | 0,002 mg/L    |
|  | Intermittent | 0,17 mg/L      | Sediment (Fresh water)  | 0,284 mg/kg   |
|  | Oral         | 0,055 g/kg     | Sediment (Marine water) | 0,028 mg/kg   |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                          | STP          | 100 mg/L       | Fresh water             | 0,635 mg/L    |
|  | Soil         | 0,29 mg/kg     | Marine water            | 0,064 mg/L    |
|  | Intermittent | 6,35 mg/L      | Sediment (Fresh water)  | 3,29 mg/kg    |
|  | Oral         | Non-applicable | Sediment (Marine water) | 0,329 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

| Pictogram   | PPE   | Labelling  | CEN Standard        | Remarks  |
|---|---|--|---------------------|--|
| <br>Mandatory respiratory tract protection | Filter mask for gases and vapours (Filter type: FFP2) | <br>CAT III | EN 405:2002+A1:2010 | Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. |
| <br>Mandatory respiratory tract protection | Filter mask for gases and vapours (Filter type: A)    | <br>CAT III | EN 405:2002+A1:2010 | Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. |



## C.- Specific protection for the hands

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## Liqcreate - Gingiva Mask

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

| Pictogram  | PPE   | Labelling   | CEN Standard | Remarks  |
|--|---|---|--------------|--|
| <br>Mandatory hand protection | Protective gloves against minor risks (Material: Nitrile) |  |              | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018 |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



## D.- Ocular and facial protection

| Pictogram  | PPE   | Labelling   | CEN Standard                    | Remarks   |
|--|---|---|---------------------------------|---|
| <br>Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

## E.- Body protection

| Pictogram | PPE                  | Labelling   | CEN Standard      | Remarks   |
|-----------|----------------------|---|-------------------|---|
|           | Work clothing        |    |                   | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
|           | Anti-slip work shoes |  | EN ISO 20347:2012 | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007                                 |

## F.- Additional emergency measures

| Emergency measure   | Standards                                       | Emergency measure  | Standards                                      |
|---|---|--|--|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

## Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

## Volatile organic compounds:

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

|                           |                |
|---------------------------|----------------|
| V.O.C. (Supply):          | 0,03 % weight  |
| V.O.C. density at 20 °C:  | Non-applicable |
| Average carbon number:    | 6,9            |
| Average molecular weight: | 95,22 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:              | Viscous  |
| Colour:                  |  Pink |
| Odour:                   | Resin  |

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

- CONTINUED ON NEXT PAGE -

## Liqcreate - Gingiva Mask

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

Odour threshold: Non-applicable \*

**Volatility:**

Boiling point at atmospheric pressure: Non-applicable \*

Vapour pressure at 20 °C: Non-applicable \*

Vapour pressure at 50 °C: Non-applicable \*

Evaporation rate at 20 °C: Non-applicable \*

**Product description:**

Density at 20 °C: Non-applicable \*

Relative density at 20 °C: Non-applicable \*

Dynamic viscosity at 20 °C: Non-applicable \*

Kinematic viscosity at 20 °C: Non-applicable \*

Kinematic viscosity at 40 °C: >20,5 mm<sup>2</sup>/s

Concentration: Non-applicable \*

pH: ≈6 - 8 (at 100 %)

Vapour density at 20 °C: Non-applicable \*

Partition coefficient n-octanol/water 20 °C: Non-applicable \*

Solubility in water at 20 °C: Non-applicable \*

Solubility properties: Non-applicable \*

Decomposition temperature: Non-applicable \*

Melting point/freezing point: Non-applicable \*

**Flammability:**

Flash Point: Non Flammable (>60 °C)

Flammability (solid, gas): Non-applicable \*

Autoignition temperature: 288 °C

Lower flammability limit: Non-applicable \*

Upper flammability limit: Non-applicable \*

**Particle characteristics:**

Median equivalent diameter: Non-applicable

**9.2 Other information:****Information with regard to physical hazard classes:**

Explosive properties: Non-applicable \*

Oxidising properties: Non-applicable \*

Corrosive to metals: Non-applicable \*

Heat of combustion: Non-applicable \*

Aerosols-total percentage (by mass) of flammable components: Non-applicable \*

**Other safety characteristics:**

Surface tension at 20 °C: Non-applicable \*

Refraction index: Non-applicable \*

\*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.

**10.2 Chemical stability:**

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

- CONTINUED ON NEXT PAGE -



## Liqcreate - Gingiva Mask

## SECTION 10: STABILITY AND REACTIVITY (continued)

**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 toxicological effects:**

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, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

## B- Inhalation (acute effect):

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

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

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

## 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 dangerous for the effects mentioned. For more information see section 3.  
IARC: 2,2-bis(acryloyloxymethyl)butyl acrylate (2B); Toluene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous 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 dangerous with sensitising effects. For more information see section 3.
- Cutaneous: 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 contains substances classified as dangerous for inhalation. For more information see section 3.

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

- CONTINUED ON NEXT PAGE -

## Liqcreate - Gingiva Mask

## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- 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. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Aspiration hazard:

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

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

| Identification  | Acute toxicity  |                 | Genus  |
|---|-----------------|-----------------|--------|
| Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide<br>CAS: 75980-60-8<br>EC: 278-355-8 | LD50 oral       | 5500 mg/kg      | Rat    |
|   | LD50 dermal     | Non-applicable  |        |
|   | LC50 inhalation | Non-applicable  |        |
| 2,2-bis(acryloyloxymethyl)butyl acrylate<br>CAS: 15625-89-5<br>EC: 239-701-3        | LD50 oral       | 5500 mg/kg      | Rat    |
|   | LD50 dermal     | 5170 mg/kg      | Rabbit |
|   | LC50 inhalation | Non-applicable  |        |
| Toluene<br>CAS: 108-88-3<br>EC: 203-625-9   | LD50 oral       | 5580 mg/kg      | Rat    |
|   | LD50 dermal     | 12124 mg/kg     | Rat    |
|   | LC50 inhalation | 28,1 mg/L (4 h) | Rat    |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1                                   | LD50 oral       | 12789 mg/kg     | Rat    |
|   | LD50 dermal     | 14112 mg/kg     | Rabbit |
|   | LC50 inhalation | 23,4 mg/L (4 h) | Rat    |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3                                    | LD50 oral       | 3000 mg/kg      | Rat    |
|   | LD50 dermal     | 2100 mg/kg      | Rabbit |
|   | LC50 inhalation | Non-applicable  |        |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                   | LD50 oral       | 8532 mg/kg      | Rat    |
|   | LD50 dermal     | 5100 mg/kg      | Rat    |
|   | LC50 inhalation | 30 mg/L (4 h)   | Rat    |

## SECTION 12: ECOLOGICAL INFORMATION

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

**12.1 Toxicity:****Acute toxicity:**

- CONTINUED ON NEXT PAGE -

# Safety data sheet

This SDS is an English translation of Regulation (EU) n° 2015/830, without any country-specific legislation



## Liqcreate - Gingiva Mask

### SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification  | Concentration |                  | Species                 | Genus      |
|---|---------------|------------------|-------------------------|------------|
| (5-ethyl-1,3-dioxan-5-yl)methyl acrylate<br>CAS: 66492-51-1<br>EC: 266-380-7        | LC50          | 4 mg/L (96 h)    | Oncorhynchus mykiss     | Fish       |
|   | EC50          | 20 mg/L (48 h)   | Daphnia magna           | Crustacean |
|   | EC50          | 34 mg/L (72 h)   | Desmodesmus subspicatus | Algae      |
| Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide<br>CAS: 75980-60-8<br>EC: 278-355-8 | LC50          | >1 - 10 (96 h)   |                         | Fish       |
|   | EC50          | >1 - 10 (48 h)   |                         | Crustacean |
|   | EC50          | >1 - 10 (72 h)   |                         | Algae      |
| 2,2-bis(acryloyloxymethyl)butyl acrylate<br>CAS: 15625-89-5<br>EC: 239-701-3        | LC50          | 0.87 mg/L (96 h) | N/A                     | Fish       |
|   | EC50          | 20 mg/L (48 h)   | Daphnia magna           | Crustacean |
|   | EC50          | 4.9 mg/L (96 h)  | Desmodesmus subspicatus | Algae      |
| Toluene<br>CAS: 108-88-3<br>EC: 203-625-9   | LC50          | 5.5 mg/L (96 h)  | Oncorhynchus kisutch    | Fish       |
|   | EC50          | 3.78 mg/L (48 h) | Ceriodaphnia dubia      | Crustacean |
|   | EC50          | 125 mg/L (48 h)  | Scenedesmus subspicatus | Algae      |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1                                   | LC50          | Non-applicable   |                         |            |
|   | EC50          | Non-applicable   |                         |            |
|   | EC50          | 675 mg/L (72 h)  | Scenedesmus subspicatus | Algae      |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3                                    | LC50          | 28 mg/L (96 h)   | Pimephales promelas     | Fish       |
|   | EC50          | 39 mg/L (48 h)   | Daphnia magna           | Crustacean |
|   | EC50          | 11.5 mg/L (72 h) | Scenedesmus subspicatus | Algae      |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                   | LC50          | 161 mg/L (96 h)  | Pimephales promelas     | Fish       |
|   | EC50          | 481 mg/L (48 h)  | Daphnia sp.             | Crustacean |
|   | EC50          | Non-applicable   |                         |            |

#### Chronic toxicity:

| Identification                  | Concentration |                | Species         | Genus      |
|---------------------------------|---------------|----------------|-----------------|------------|
| N-butyl acetate                 | NOEC          | Non-applicable |                 |            |
| CAS: 123-86-4 EC: 204-658-1     | NOEC          | 23.2 mg/L      | Daphnia magna   | Crustacean |
| 2-methoxy-1-methylethyl acetate | NOEC          | 47.5 mg/L      | Oryzias latipes | Fish       |
| CAS: 108-65-6 EC: 203-603-9     | NOEC          | 100 mg/L       | Daphnia magna   | Crustacean |

#### 12.2 Persistence and degradability:

| Identification   | Degradability |                | Biodegradability |                |
|--|---------------|----------------|------------------|----------------|
| (5-ethyl-1,3-dioxan-5-yl)methyl acrylate<br>CAS: 66492-51-1<br>EC: 266-380-7 | BOD5          | Non-applicable | Concentration    | 10 mg/L        |
|  | COD           | Non-applicable | Period           | 28 days        |
|  | BOD5/COD      | Non-applicable | % Biodegradable  | 28 %           |
| 2,2-bis(acryloyloxymethyl)butyl acrylate<br>CAS: 15625-89-5<br>EC: 239-701-3 | BOD5          | Non-applicable | Concentration    | Non-applicable |
|  | COD           | Non-applicable | Period           | 28 days        |
|  | BOD5/COD      | Non-applicable | % Biodegradable  | 90 %           |

- CONTINUED ON NEXT PAGE -

## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification  | Degradability |                | Biodegradability |                |
|---|---------------|----------------|------------------|----------------|
| Toluene<br>CAS: 108-88-3<br>EC: 203-625-9                         | BOD5          | 2,5 g O2/g     | Concentration    | 100 mg/L       |
|   | COD           | Non-applicable | Period           | 14 days        |
|   | BOD5/COD      | Non-applicable | % Biodegradable  | 100 %          |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1                 | BOD5          | Non-applicable | Concentration    | Non-applicable |
|   | COD           | Non-applicable | Period           | 5 days         |
|   | BOD5/COD      | Non-applicable | % Biodegradable  | 84 %           |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9 | BOD5          | Non-applicable | Concentration    | 785 mg/L       |
|   | COD           | Non-applicable | Period           | 8 days         |
|   | BOD5/COD      | Non-applicable | % Biodegradable  | 100 %          |

## 12.3 Bioaccumulative potential:

| Identification   | Bioaccumulation potential |      |
|--|---------------------------|------|
| 2,2-bis(acryloyloxymethyl)butyl acrylate<br>CAS: 15625-89-5<br>EC: 239-701-3 | BCF                       | 344  |
|  | Pow Log                   | 4.35 |
|  | Potential                 | High |
| Toluene<br>CAS: 108-88-3<br>EC: 203-625-9                                    | BCF                       | 13   |
|  | Pow Log                   | 2.73 |
|  | Potential                 | Low  |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1                            | BCF                       | 4    |
|  | Pow Log                   | 1.78 |
|  | Potential                 | Low  |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3                             | BCF                       | 13   |
|  | Pow Log                   | 2.73 |
|  | Potential                 | Low  |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9            | BCF                       | 1    |
|  | Pow Log                   | 0.43 |
|  | Potential                 | Low  |

## 12.4 Mobility in soil:

| Identification   | Absorption/desorption |                | Volatility |                                |
|--|-----------------------|----------------|------------|--------------------------------|
| (5-ethyl-1,3-dioxan-5-yl)methyl acrylate<br>CAS: 66492-51-1<br>EC: 266-380-7 | Koc                   | 12             | Henry      | 8,81E-3 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | Very High      | Dry soil   | No                             |
|  | Surface tension       | Non-applicable | Moist soil | No                             |
| 2,2-bis(acryloyloxymethyl)butyl acrylate<br>CAS: 15625-89-5<br>EC: 239-701-3 | Koc                   | 160            | Henry      | Non-applicable                 |
|  | Conclusion            | High           | Dry soil   | Non-applicable                 |
|  | Surface tension       | Non-applicable | Moist soil | Non-applicable                 |

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## Liqcreate - Gingiva Mask

## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification                                    | Absorption/desorption |                      | Volatility |                              |
|---|-----------------------|----------------------|------------|------------------------------|
| Toluene<br>CAS: 108-88-3<br>EC: 203-625-9         | Koc                   | 178                  | Henry      | 672,8 Pa·m <sup>3</sup> /mol |
|   | Conclusion            | Moderate             | Dry soil   | Yes                          |
|   | Surface tension       | 2,793E-2 N/m (25 °C) | Moist soil | Yes                          |
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1 | Koc                   | Non-applicable       | Henry      | Non-applicable               |
|   | Conclusion            | Non-applicable       | Dry soil   | Non-applicable               |
|   | Surface tension       | 2,478E-2 N/m (25 °C) | Moist soil | Non-applicable               |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3  | Koc                   | Non-applicable       | Henry      | Non-applicable               |
|   | Conclusion            | Non-applicable       | Dry soil   | Non-applicable               |
|   | Surface tension       | 2,82E-2 N/m (25 °C)  | Moist soil | Non-applicable               |

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

Product fails to meet PBT/vPvB criteria

**12.6 Other adverse effects:**

Not described

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:**

| Code      | Description   | Waste class (Regulation (EU) No 1357/2014) |
|-----------|---|--|
| 20 01 27* | paint, inks, adhesives and resins containing hazardous substances | Dangerous                                  |

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

HP14 Ecotoxic, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

**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-dangerous residue. We do not recommended disposal down the drain. 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

**Other information:**

ADR/RID: Special Provisions 274, 335, 601, 375. Not restricted as per Special Provisions 375. The provided packaging meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

IMDG: Special Provisions 274, 335, 969. Not restricted as per 2.10.2.7. The provided packaging meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

IATA: Special Provisions A97, A158, A197. Not restricted as per Special Provisions A197. The provided packaging meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Products are transported on behalf of Liqcreate in sizes ≤5 L or ≤5 kg. The environmentally hazardous substance mark & the marine pollutant mark are not required when transported in sizes of ≤5 L or ≤5 kg.

**Transport of dangerous goods by land:**

With regard to ADR 2021 and RID 2021:

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## Liqcreate - Gingiva Mask

## SECTION 14: TRANSPORT INFORMATION (continued)



- 14.1 UN number:** UN3082
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((5-ethyl-1,3-dioxan-5-yl)methyl acrylate)
- 14.3 Transport hazard class(es):** 9
- Labels:** 9
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** Yes
- 14.6 Special precautions for user**
- Special regulations: 274, 335, 375, 601
- Tunnel restriction code: -
- Physico-Chemical properties: see section 9
- Limited quantities: 5 L
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

## Transport of dangerous goods by sea:

With regard to IMDG 39-18:



- 14.1 UN number:** UN3082
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((5-ethyl-1,3-dioxan-5-yl)methyl acrylate)
- 14.3 Transport hazard class(es):** 9
- Labels:** 9
- 14.4 Packing group:** III
- 14.5 Marine pollutant:** Yes
- 14.6 Special precautions for user**
- Special regulations: 335, 969, 274
- EmS Codes: F-A, S-F
- Physico-Chemical properties: see section 9
- Limited quantities: 5 L
- Segregation group: Non-applicable
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

## Transport of dangerous goods by air:

With regard to IATA/ICAO 2021:



- 14.1 UN number:** UN3082
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((5-ethyl-1,3-dioxan-5-yl)methyl acrylate)
- 14.3 Transport hazard class(es):** 9
- Labels:** 9
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** Yes
- 14.6 Special precautions for user**
- Physico-Chemical properties: see section 9
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

## SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

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## Liqcreate - Gingiva Mask

## SECTION 15: REGULATORY INFORMATION (continued)

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

**Seveso III:**

| Section | Description           | Lower-tier requirements | Upper-tier requirements |
|---------|-----------------------|-------------------------|-------------------------|
| E2      | ENVIRONMENTAL HAZARDS | 200                     | 500                     |

**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.

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

**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.

## 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 (Regulation (EC) No 2015/830).

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

Non-applicable

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

- H317: May cause an allergic skin reaction.
- H411: Toxic to aquatic life with long lasting effects.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.

**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. 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.
- Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
- Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
- Eye Irrit. 2: H319 - Causes serious eye irritation.
- Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
- Flam. Liq. 3: H226 - Flammable liquid and vapour.
- Repr. 2: H361d - Suspected of damaging the unborn child.
- Repr. 2: H361f - Suspected of damaging fertility.
- Skin Irrit. 2: H315 - Causes skin irritation.
- Skin Sens. 1: H317 - May cause an allergic skin reaction.
- Skin Sens. 1B: H317 - May cause an allergic skin reaction.
- STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
- STOT SE 3: H335 - May cause respiratory irritation.
- STOT SE 3: H336 - May cause drowsiness or dizziness.

**Classification procedure:**

- CONTINUED ON NEXT PAGE -

**Liqcreate - Gingiva Mask****SECTION 16: OTHER INFORMATION (continued)**

Skin Sens. 1B: Calculation method  
Aquatic Chronic 2: Calculation method  
Skin Irrit. 2: Calculation method  
Eye Irrit. 2: Calculation method

**Advice related to training:**

Minimal 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.

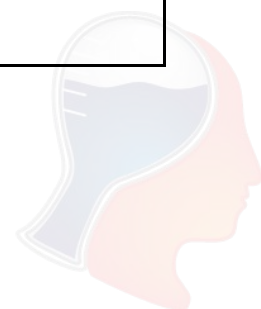
**Principal bibliographical sources:**

<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

LIQCREATE



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 -