

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : LUX 3D GUM  
Product code : 0100-CR03

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only  
Dental laboratories

##### 1.2.2. Uses advised against

No additional information available

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

FAMADENT S.L.U.  
Garrotxa, 6 Polígono Empordà Internacional  
ES- 17469 Vilamalla  
España  
T +34 972 526 169  
[protechno@protechno.com](mailto:protechno@protechno.com) - [www.protechno.com](http://www.protechno.com)  
E-mail address of competent person responsible for the SDS : [SDS@protechno.com](mailto:SDS@protechno.com)

#### 1.4. Emergency telephone number

Emergency number : +34 972 526 169

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|  |      |
|--|------|
| Skin corrosion/irritation, Category 2  | H315 |
| Serious eye damage/eye irritation, Category 2  | H319 |
| Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | H335 |

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

##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.  
Precautionary statements (CLP) : P271 - Use only outdoors or in a well-ventilated area.  
P261 - Avoid breathing vapours.  
P264 - Wash hands thoroughly after handling.

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P280 - Wear protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                          | Product identifier   | %    |  |
|-------------------------------|----------------------|------|--|
| Acrylate monomers             | CAS-No.: PROPRIETARY | < 50 |  |
| Urethane Acrylate             | CAS-No.: PROPRIETARY | < 50 |  |
| Aliphatic Urethane Diacrylate | CAS-No.: PROPRIETARY | < 50 |  |
| Photoinitiator                | CAS-No.: PROPRIETARY | < 1  |  |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.   |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.                |
| First-aid measures after eye contact  | : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist. |
| First-aid measures after ingestion    | : Do NOT induce vomiting. Get medical advice/attention. Never give anything by mouth to an unconscious person.  |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : Irritation: may cause irritation to the respiratory system.                       |
| Symptoms/effects after skin contact | : May cause moderate irritation. Eczema.  |
| Symptoms/effects after eye contact  | : Direct contact with the eyes is likely to be irritating. redness, itching, tears. |
| Symptoms/effects after ingestion    | : May cause irritation to the digestive tract.                                      |

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Use water stream to cool containers.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Collect in closed containers for disposal.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Use only by appropriate trained persons. Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool. Store in a dry place. Keep in original containers closed. Protect from heat and direct sunlight. Keep away from food, drink and animal feeding stuffs.  
Storage temperature : 4 – 27 °C

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

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Common hygienic measures in a dental laboratory. Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment symbol(s):



###### 8.2.2.1. Eye and face protection

###### Eye protection:

Chemical goggles or safety glasses

###### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Neoprene protective gloves

###### 8.2.2.3. Respiratory protection

###### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

###### 8.2.2.4. Thermal hazards

No additional information available

##### 8.2.3. Environmental exposure controls

###### Environmental exposure controls:

Avoid release to the environment.

### SECTION 9: Physical and chemical properties

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

|                 |                   |
|-----------------|-------------------|
| Physical state  | : Liquid          |
| Colour          | : pink.           |
| Odour           | : Characteristic. |
| Odour threshold | : Not available   |

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|   |                          |
|---|--------------------------|
| Melting point                                   | : Not applicable         |
| Freezing point                                  | : Not available          |
| Boiling point                                   | : Not available          |
| Flammability                                    | : Not applicable         |
| Explosive limits                                | : Not available          |
| Lower explosion limit                           | : Not available          |
| Upper explosion limit                           | : Not available          |
| Flash point                                     | : > 93 °C Pensky-Martens |
| Auto-ignition temperature                       | : Not available          |
| Decomposition temperature                       | : Not available          |
| pH  | : Not available          |
| Viscosity, kinematic                            | : Not available          |
| Solubility                                      | : insoluble in water.    |
| Partition coefficient n-octanol/water (Log Kow) | : Not available          |
| Vapour pressure                                 | : < 0.1 mbar             |
| Vapour pressure at 50°C                         | : Not available          |
| Density   | : Not available          |
| Relative density                                | : 1.18                   |
| Relative vapour density at 20°C                 | : Not available          |
| Particle characteristics                        | : Not applicable         |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. May polymerise.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Avoid contact with : Peroxides. metal-ions.

### 10.5. Incompatible materials

Strong acids. alkalines. Amines. Organic peroxides.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

|                               |                                  |
|-------------------------------|----------------------------------|
| Acute toxicity (oral)         | : Not classified                 |
| Acute toxicity (dermal)       | : Not classified                 |
| Acute toxicity (inhalation)   | : Not classified                 |
| Skin corrosion/irritation     | : Causes skin irritation.        |
| Serious eye damage/irritation | : Causes serious eye irritation. |

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|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Respiratory or skin sensitisation | : Not classified                    |
| Germ cell mutagenicity            | : Not classified                    |
| Carcinogenicity                   | : Not classified                    |
| Reproductive toxicity             | : Not classified                    |
| STOT-single exposure              | : May cause respiratory irritation. |
| STOT-repeated exposure            | : Not classified                    |
| Aspiration hazard                 | : Not classified                    |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : Dangerous for the environment. Prevent liquid from entering sewers, watercourses, underground or low areas. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

| ADR                                  | IMDG          | IATA          | RID           |
|--------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>  |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b> |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated |

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| ADR                                     | IMDG          | IATA          | RID           |
|---|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b> |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Rail transport

Not regulated

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

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### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

SDS EU format according to COMMISSION REGULATION (EU) 2020/878.

| Abbreviations and acronyms: |   |
|-----------------------------|---|
|                             | Spain - BLV   |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| DPD                         | Dangerous Preparations Directive 1999/45/EC   |
| EC50                        | Median effective concentration  |
| DSD                         | Dangerous Substances Directive 67/548/EEC   |
| SDS                         | Safety Data Sheet   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |
| vPvB                        | Very Persistent and Very Bioaccumulative  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |
| NOAEL                       | No-Observed Adverse Effect Level  |
| NOEC                        | No-Observed Effect Concentration  |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| TLM                         | Median Tolerance Limit  |

### Data sources

: Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

### Training advice

: Normal use of this product shall imply use in accordance with the instructions on the packaging.



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### Full text of H- and EUH-statements:

|      |                                   |
|------|-----------------------------------|
| H315 | Causes skin irritation.           |
| H319 | Causes serious eye irritation.    |
| H335 | May cause respiratory irritation. |

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|               |      |                    |
|---------------|------|--------------------|
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Irrit. 2  | H319 | Calculation method |
| STOT SE 3     | H335 | Calculation method |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.