Not classified as hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

- Product identifier
- Trade name: GC Tooth Mousse
- Relevant identified uses of the substance or mixture and uses advised against
  No further relevant information available.
- Application of the substance / the mixture Auxillary for dental technology
- Details of the supplier of the safety data sheet
  Manufacturer/Supplier:
  GC Australasia Dental Pty Ltd
  1753 Botany Road
  Banksmeadow, NSW 2019
  Tel: +61 2 9301 8200
- Further information obtainable from: Regulatory affairs

2 Hazard(s) Identification

- Classification of the substance or mixture
  The product is not classified, according to the Globally Harmonised System (GHS).
- Label elements
  - GHS label elements Void
  - Exemptions
    The product, regulated as an invasive medical device by the Regulation (EC) 2017/745, is exempted from labelling requirements for substances and mixtures (according to the provision of the Art 1.5).
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition and Information on Ingredients

- Chemical characterisation: Mixtures
- Description:
  Only substances required to be mentioned according to Annex II of regulation 1907/2006 are listed. Information on the other substances that may be present can be obtained upon request.

<table>
<thead>
<tr>
<th>Dangerous components</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5 glycerol</td>
<td>10-&lt;25%</td>
<td></td>
</tr>
<tr>
<td>57-55-6 Propylene glycol</td>
<td>1-&lt;2.5%</td>
<td></td>
</tr>
</tbody>
</table>

(Contd. on page 2)
4 First Aid Measures

- **General information:**
  No special measures required.
  If symptoms persist consult doctor.
- **After inhalation:** Take affected persons into fresh air and keep quiet.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
  Rinse mouth and then drink plenty of water.
  If symptoms persist consult doctor.
- **Information for doctor:**
  - Most important symptoms and effects, both acute and delayed: No further relevant information available.
  - Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire Fighting Measures

- **Suitable extinguishing agents:**
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:**
  Formation of toxic gases is possible during heating or in case of fire.
  No further relevant information available.
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:**
  Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Remove persons from danger area.
- **Environmental precautions:**
  Do not allow product to reach sewage system or any water course.
  Inform respective authorities in case of seepage into water course or sewage system.
  Do not allow to penetrate the ground/soil.
  In case of seepage into the ground inform responsible authorities.
- **Methods and material for containment and cleaning up:**
  Absorb liquid components with liquid-binding material.
  Dispose of the material collected according to regulations.
- **Reference to other sections**
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
Trade name: GC_Tooth_Mousse

See Section 13 for disposal information.

7 Handling and Storage

- Handling:
  - Precautions for safe handling: No special precautions are necessary if used correctly.
  - Information about fire - and explosion protection: No special measures required.
- Storage:
  - Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.
  - Information about storage in one common storage facility: Store away from foodstuffs.
  - Further information about storage conditions: None.
  - Specific end use(s): No further relevant information available.

8 Exposure controls and personal protection

- Additional information about design of technical facilities: No further data; see section 7.

- Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>TWA</th>
<th>WES</th>
<th>Inhalable dust</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5 glycerol</td>
<td>Long-term value: 10 mg/m³</td>
<td>Long-term value: 10 mg/m³</td>
<td>inhalable dust</td>
</tr>
<tr>
<td>57-55-6 Propylene glycol</td>
<td></td>
<td>Long-term value: 474* 10** mg/m³, 150* ppm</td>
<td>*vapour&amp;particluates;**particulates only</td>
</tr>
<tr>
<td>7631-86-9 silicon dioxide</td>
<td>TWA: Long-term value: 2 mg/m³</td>
<td>WES: Long-term value: 10 mg/m³</td>
<td>inhalable dust</td>
</tr>
<tr>
<td>13463-67-7 titanium dioxide</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- DNELs

| 13463-67-7 titanium dioxide       | Inhalative DNEL inhalation 10 mg/m³ (man) |

- Additional information: The lists valid during the making were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
  The usual precautionary measures are to be adhered to when handling chemicals. Wash hands before breaks and at the end of work.
- Respiratory protection: Suitable respiratory protective device recommended.
- Protection of hands: Protective gloves
- Material of gloves
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Trade name: GC_Tooth_Mousse

· Eye protection: Safety glasses

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9 Physical and Chemical Properties

· General Information
  · Appearance:
    · Form: Pasty
    · Colour: White
    · Odour: Characteristic
  · Odour threshold: Not determined.
  · pH-value at 20 °C (68 °F): 7
  · Change in condition
    · Melting point/freezing point: Undetermined.
    · Initial boiling point and boiling range: Undetermined.
  · Flash point: Not applicable.
  · Flammability (solid, gas): Not applicable.
  · Auto-ignition temperature: Undetermined.
  · Decomposition temperature: Not determined.
  · Ignition temperature: Product is not selfigniting.
  · Explosive properties: Product does not present an explosion hazard.
  · Explosion limits:
    · Lower: 0.9 Vol %
    · Upper: 0.0 Vol %
  · Vapour pressure: Not determined.
  · Density at 20 °C (68 °F): 1.2 g/cm³ (10.014 lbs/gal)
  · Relative density Not determined.
  · Vapour density Not determined.
  · Evaporation rate Not determined.
  · Solubility in / Miscibility with water: Insoluble.
  · Partition coefficient: n-octanol/water: Not determined.
  · Viscosity:
    · Dynamic: Not determined.
    · Kinematic: Not determined.
  · Solvent content:
    · Organic solvents: 22.0 %
    · Water: <57.1 %
    · VOC (EC) <76.3 g/l
  · Other information No further relevant information available.

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10 Stability and Reactivity

· Reactivity: No further relevant information available.
· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
· Possibility of hazardous reactions: No dangerous reactions known.
· Conditions to avoid: No further relevant information available.
· Incompatible materials: No further relevant information available.
Trade name: GC_Tooth_Mousse

- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Classification Criteria</th>
<th>LD/LC50 Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>silicon dioxide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral LD50</td>
<td></td>
<td>10,000 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(rat (f+m))</td>
</tr>
<tr>
<td>titanium dioxide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral LD50</td>
<td></td>
<td>&gt;5,000 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(mouse) (OECD 420)</td>
</tr>
<tr>
<td>Inhalative LC50</td>
<td></td>
<td>&gt;6.82 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(rat male)</td>
</tr>
</tbody>
</table>

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
  No further relevant information available.

### 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**

  Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
  Do not allow product to reach ground water, water course or sewage system, even in small quantities.
  Danger to drinking water if even extremely small quantities leak into the ground.
  Harmful to aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

(Contd. on page 6)
13 Disposal considerations

- Waste treatment methods
  - Recommendation
    Must not be disposed together with household garbage. Do not allow product to reach sewage system. Contact waste processors for recycling information.

- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.

14 Transport information

- UN-Number
  - ADG, ADN, IMDG, IATA not regulated

- UN proper shipping name
  - ADG, ADN, IMDG, IATA not regulated

- Transport hazard class(es)
  - ADG, ADN, IMDG, IATA not regulated

- Class
  - not regulated

- Packing group
  - ADG, IMDG, IATA not regulated

- Environmental hazards:
  - Marine pollutant: No

- Special precautions for user
  - Not applicable.

- Transport in bulk according to Annex II of Marpol and the IBC Code
  - Not applicable.

- UN "Model Regulation": not applicable

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture

  - Australian Inventory of Industrial Chemicals
    - 7732-18-5 Water
    - 56-81-5 glycerol
    - 50-70-4 D-glucitol
    - 57-53-6 Propylene glycol
    - 7631-86-9 silicon dioxide
    - 9004-32-4 sodium carboxyl methyl cellulose (CMC-Na)
    - 13463-67-7 titanium dioxide
    - 87-99-0 xylitol
    - 128-44-9 1,2-benzisothiazol-3(2H)-one 1,1-dioxide, sodium salt
    - 1314-13-2 zinc oxide
    - 7664-38-2 phosphoric acid

(Contd. on page 7)
Trade name: GC_Tooth_Mousse

<table>
<thead>
<tr>
<th>Substance ID</th>
<th>Substance Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-13-3</td>
<td>propyl 4-hydroxybenzoate</td>
</tr>
<tr>
<td>94-26-8</td>
<td>butyl-4-hydroxybenzoate</td>
</tr>
<tr>
<td>120-47-8</td>
<td>ethyl 4-hydroxybenzoate</td>
</tr>
<tr>
<td>1309-48-4</td>
<td>magnesium oxide</td>
</tr>
<tr>
<td>9000-30-0</td>
<td>guar Gum</td>
</tr>
</tbody>
</table>

· Standard for the Uniform Scheduling of Medicines and Poisons

<table>
<thead>
<tr>
<th>Substance ID</th>
<th>Substance Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7664-38-2</td>
<td>phosphoric acid</td>
</tr>
</tbody>
</table>

S5, S6

· Australia: Priority Existing Chemicals

None of the ingredients is listed.

· GHS label elements Void

· Hazard pictograms Void

· Signal word Void

· Hazard statements Void

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

· Relevant phrases

H351 Suspected of causing cancer.

· Department issuing SDS: Regulatory affairs

· Contact: msds@gc.dental

· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Carc. 2: Carcinogenicity – Category 2

· Sources

• ECHA (http://echa.europa.eu/)
• EnviChem (www.echemportal.org)

· Data compared to the previous version altered.
This version replaces all previous versions.

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