1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
  - **Trade name:** GC Tooth Mousse Plus
  - **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**
  Henry Schein Shalfoon Ltd
  23 William Pickering Drive, Albany
  Auckland 0632, NEW ZEALAND

  PO Box 101140, NSMC
  Auckland 0745, NEW ZEALAND

  Free Phone: 0800 808 855

- **Further information obtainable from:** Regulatory affairs
- **Emergency telephone number:** 0800 764 766 (National Poisons Centre)

2 Hazards identification

- **Classification of the substance or mixture**
  The product is not classified according to the Globally Harmonised System (GHS).

- **Label elements**
  - **GHS label elements**
    Exempt from requirements - product regulated as a medical device or an in vitro diagnostic medical device.
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void

- **Additional information:**
  10 % of the mixture consists of component(s) of unknown toxicity.
  Contains 10 % of components with unknown hazards to the aquatic environment.
  Safety data sheet available on request.

- **Other hazards**
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.

3 Composition/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.

(Contd. on page 2)
Trade name: GC Tooth Mousse Plus

· Dangerous components:

<table>
<thead>
<tr>
<th>CAS</th>
<th>EINECS</th>
<th>Concentration (wt%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5</td>
<td>200-289-5</td>
<td>10-25%</td>
</tr>
<tr>
<td>9004-32-4</td>
<td>200-338-0</td>
<td>1-5%</td>
</tr>
<tr>
<td>57-55-6</td>
<td>236-675-5</td>
<td>1-5%</td>
</tr>
</tbody>
</table>

· Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

· Description of first aid measures

· General information: If symptoms persist consult doctor.

· After inhalation:
  Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
  Take affected persons into fresh air and keep quiet.

· After skin contact:
  If skin irritation continues, consult a doctor.

· After eye contact:
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:
  Rinse out 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 Firefighting measures

· Extinguishing media

· 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.

· Advice for firefighters

· 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.
  Wear protective clothing.
--- 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.

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

- 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/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

**Control parameters**

<table>
<thead>
<tr>
<th>Ingredients with limit values that require monitoring at the workplace:</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5 glycerol</td>
</tr>
<tr>
<td>TWA (New Zealand) Long-term value: 10* mg/m³</td>
</tr>
<tr>
<td>*inhalable dust: no asbestos, &lt; 1%free silica</td>
</tr>
<tr>
<td>57-55-6 propane-1,2-diol</td>
</tr>
<tr>
<td>WES (New Zealand) Long-term value: 474* 10** mg/m³, 150* ppm</td>
</tr>
<tr>
<td>*vapour, particulates; **particulates only</td>
</tr>
<tr>
<td>13463-67-7 titanium dioxide</td>
</tr>
<tr>
<td>WES (New Zealand) Long-term value: 10* mg/m³</td>
</tr>
<tr>
<td>*inhalable dust: no asbestos, &lt; 1%free silica</td>
</tr>
</tbody>
</table>

**DNELs**

<table>
<thead>
<tr>
<th>13463-67-7 titanium dioxide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalative DNEL inhalation 10 mg/m³ (man)</td>
</tr>
</tbody>
</table>

**Additional information:** The lists valid during the making were used as basis.

**Exposure controls**

- 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 can not 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.

- **Eye protection:** Safety glasses

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

- **Appearance:**
  - Form: Pasty
  - Colour: White
- **Odour:** Product specific
- **Odour threshold:** Not determined.

- **pH-value at 20 °C:** 7

- **Change in condition**
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: Undetermined.

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** Undetermined.

- **Decomposition temperature:** Not determined.

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

#### Explosion limits:

- **Lower:** 0,9 Vol %
- **Upper:** 0,0 Vol %

- **Vapour pressure:** Not determined.

- **Density:** Not determined.
- **Relative density:** Not determined.
- **Vapour density:** Not determined.
- **Evaporation rate:** Not determined.

- **Solubility in / Miscibility with water:** Fully miscible.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**
  - **Dynamic:** Not determined.
43.0

Kinematic: Not determined.

· Solvent content:
  - Organic solvents: 22.0 %
  - Water: 56.1 %
  - VOC (EC): 45.6 g/l
· Other information No further relevant information available.

10 Stability and reactivity

· Reactivity No further relevant information available.
· Chemical stability
  - 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.
· Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects
· Acute toxicity
  - LD/LC50 values relevant for classification:
    13463-67-7 titanium dioxide
    Oral LD50 >5000 mg/kg (mouse) (OECD 420)
    Inhalative LC50/4 h > 6.82 mg/l (rat male)
· Primary irritant effect:
  - Skin corrosion/irritation No irritant effect.
  - Serious eye damage/irritation No irritating effect.
  - Respiratory or skin sensitisation No sensitising effects known.
· Additional toxicological information:
  The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
· Repeated dose toxicity No further relevant information available.
· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
  No further relevant information available.

12 Ecological information

· Toxicity
  - Aquatic toxicity:
    9004-32-4 sodium carboxyl methyl cellulose (CMC-Na)
    EC50/48h 87.3 mg/l (daphnia magna)
· 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.
Trade name: GC Tooth Mousse Plus

- 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.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation
    Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 Transport information

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

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

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

- Packing group
  - ADR, 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 regulated

15 Regulatory information

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

  - New Zealand Inventory of Chemicals
    - 56-81-5 glycerol
    - 50-70-4 D-glucitol

(Contd. on page 7)
**Trade name: GC Tooth Mousse Plus**

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>9004-32-4</td>
<td></td>
<td>sodium carboxyl methyl cellulose (CMC-Na)</td>
</tr>
<tr>
<td>7631-86-9</td>
<td></td>
<td>silicon dioxide</td>
</tr>
<tr>
<td>57-55-6</td>
<td></td>
<td>propane-1,2-diol</td>
</tr>
<tr>
<td>13463-67-7</td>
<td></td>
<td>titanium dioxide</td>
</tr>
<tr>
<td>87-99-0</td>
<td></td>
<td>xylitol</td>
</tr>
<tr>
<td>7664-38-2</td>
<td></td>
<td>phosphoric acid</td>
</tr>
<tr>
<td>7681-49-4</td>
<td></td>
<td>Sodium fluoride</td>
</tr>
<tr>
<td>128-44-9</td>
<td>7694-75-8</td>
<td>1,2-benzisothiazol-3(2H)-one, 1,1-dioxide, sodium salt</td>
</tr>
<tr>
<td>94-26-8</td>
<td></td>
<td>butyl-4-hydroxybenzoat</td>
</tr>
<tr>
<td>120-47-8</td>
<td></td>
<td>ethyl 4-hydroxybenzoate</td>
</tr>
<tr>
<td>94-13-3</td>
<td></td>
<td>propyl 4-hydroxybenzoate</td>
</tr>
<tr>
<td>7732-18-5</td>
<td></td>
<td>Distilled water</td>
</tr>
</tbody>
</table>

- **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**
  - H412 Harmful to aquatic life with long lasting effects.
- **Department issuing SDS**: Regulatory affairs
- **Contact**: msds@gceurope.com
- **Abbreviations and acronyms**:
  - ADR: Accord européen sur le transport 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
  - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- **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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