1 Identification

- **Product identifier**
- **Trade name:** GC Fuji TEMP LT Paste A
- **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
  - **Emergency telephone number:** 24 hours Emergency: 13 11 26.

2 Hazard(s) Identification

- **Classification of the substance or mixture**
  The product is not classified, according to the Globally Harmonised System (GHS).
- **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
- **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.
- **Dangerous components:**
<table>
<thead>
<tr>
<th>Substance ID</th>
<th>Substance Name</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5</td>
<td>glycerol</td>
<td>10-&lt;25%</td>
</tr>
<tr>
<td>7631-86-9</td>
<td>silicon dioxide</td>
<td>1-&lt;2.5%</td>
</tr>
</tbody>
</table>

(Contd. on page 2)
4 First Aid Measures

- Description of 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 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 Fire Fighting 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.
  No further relevant information available.
- 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.
- 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.
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 and personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
- Ingredients with limit values that require monitoring at the workplace:
<table>
<thead>
<tr>
<th>Compound</th>
<th>TWA Long-term value:</th>
<th>WES Long-term value:</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5 glycerol</td>
<td>10 mg/m³</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>7631-86-9 silicon dioxide</td>
<td>2 mg/m³</td>
<td>2 mg/m³</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 breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Safety glasses
### Physical and Chemical Properties

- **Form:** Pasty
- **Colour:** Light yellow
- **Odour:** Odourless
- **Odour threshold:** Not determined.
- **pH-value at 20 °C (68 °F):** 6.5
- **Melting point/freezing point:** Undetermined.
- **Initial boiling point and boiling range:** Undetermined.
- **Flash point:** >150 °C (>302 °F)
- **Vapour pressure:** Not determined.
- **Density:** Not determined.
  - 2.56 g/cm³
  - 1.18 g/ml
- **Explosion limits:**
  - **Lower:** 0.9 Vol %
  - **Upper:** 0.0 Vol %
- **Vapour pressure:** 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: 20.0 %
  - Water: 20.2 %
  - VOC (EC): 0.0 g/l
- **Other information:** No further relevant information available.

### Stability and Reactivity

- **Reactivity:** No further relevant information available.
11 Toxicological Information

· Information on toxicological effects
  · Acute toxicity
  · LD/LC50 values relevant for classification: No further relevant information available.
  · 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.
    · Bioaccumulative potential No further relevant information available.
    · Mobility in soil No further relevant information available.
    · 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.

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.
Safety Data Sheet
according to WHS Regulations

Trade name: GC Fuji TEMP LT Paste A

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
- **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 regulated

15 Regulatory information
- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Australian Inventory of Chemical Substances**
    All ingredients are listed.
  - **Standard for the Uniform Scheduling of Medicines and Poisons**
    None of the ingredients is listed.
  - **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
- **Department issuing SDS**: Regulatory affairs
- **Contact**: msds@gc.dental

(Contd. of page 5)
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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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