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

- **Product identifier**
- **Trade name**: GC Fuji II Powder
- **Application of the substance / the preparation**: Auxiliary for dental technology
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  
  GC EUROPE N.V.
  Interleuvenlaan 33
  B-3001 Leuven
  Tel. +32/(0)16/74.10.00
  Fax +32/(0)16/40.26.84
- **Information department**: Regulatory affairs

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### 2 Composition/information on ingredients

- **Chemical characterization**: Mixtures
- **Description**:
  
  Mixture of the substances listed below with nonhazardous additions.
  Mixture: consisting of the following components.
- **Dangerous components**:
  
<table>
<thead>
<tr>
<th>Substance ID</th>
<th>Substance</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>9003-01-4</td>
<td>Polyacrylic acid</td>
<td>5.0%</td>
</tr>
</tbody>
</table>

- **Additional information**: For the wording of the listed risk phrases refer to section 16.

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### 3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**: Void
- **Information concerning particular hazards for human and environment**:
  
  The product does not have to be labelled due to the calculation procedure of international guidelines.
- **Classification system**:
  
  The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **Label elements**
  
  - **Labelling according to EU guidelines**:
    
    Observe the general safety regulations when handling chemicals.
    The product is not subject to identification regulations according to directives on hazardous materials.
  - **Special labelling of certain preparations**:
    
    Safety data sheet available for professional user on request.

(Contd. on page 2)
4 First aid measures

- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

5 Firefighting measures

- Suitable extinguishing agents:
  CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Not required.
- Environmental precautions: Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up: Pick up mechanically.
- Reference to other sections
  No dangerous substances are released.
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

- Handling:
  - Precautions for safe handling: No special measures required.
  - Information about protection against explosions and fires: No special measures required.
- Storage:
  - Requirements to be met by storerooms and receptacles: No special requirements.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: None.
8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists that were valid during the creation were used as basis.
- Personal protective equipment:
  - General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.
  - Breathing equipment: Not required.
- Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
  - 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Not required.

9 Physical and chemical properties

- General Information
- Appearance:
  - Form: Powder
  - Color: White
- Odor:
  - Odour threshold: Not determined.
- pH-value:
  - Not applicable.
- Change in condition
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: Undetermined.
- Flash point:
  - Not applicable.
- Flammability (solid, gaseous):
  - Not determined.
- Ignition temperature:
  - Decomposition temperature: Not determined.
  - Auto igniting:
    - Product is not selfigniting.
  - Danger of explosion:
    - Product does not present an explosion hazard.
Material Safety Data Sheet  
acc. to ISO/DIS 11014  

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Reviewed on 05/25/2012  
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- **Explosion limits:**  
  - **Lower:** Not determined.  
  - **Upper:** Not determined.  

- **Vapor pressure:** Not applicable.  

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

- **Solubility in / Miscibility with Water:** Insoluble.  

- **Segregation coefficient (n-octonol/water):** Not determined.  

- **Viscosity:**  
  - **Dynamic:** Not applicable.  
  - **Kinematic:** Not applicable.  

- **Solvent content:**  
  - **Organic solvents:** 0.0 %  
  - **Solids content:** 100.0 %  

- **Other information:** No further relevant information available.  

10 Stability and reactivity  

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.  
- **Incompatible materials:** No further relevant information available.  
- **Hazardous decomposition products:** No dangerous decomposition products known.  

11 Toxicological information  

- **Acute toxicity:**  
  - **Primary irritant effect:**  
    - on the skin: No irritant effect.  
    - on the eye: No irritating effect.  
- **Sensitization:** No sensitizing effects known.  
- **Additional toxicological information:**  
  - The product is not subject to classification according to internally approved calculation methods for preparations:

12 Ecological information  

- **Aquatic toxicity:** No further relevant information available.  
- **Persistence and degradability:** No further relevant information available.  
- **Behavior in environmental systems:**  
- **Bioaccumulative potential:** No further relevant information available.  
- **Additional ecological information:**  
- **General notes:**  
  - Water hazard class 1 (Self-assessment): slightly hazardous for water  

(Contd. on page 5)
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Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**
  - **DOT, ADR, ADN, IMDG, IATA** Void
- **UN proper shipping name**
  - **DOT, ADR, ADN, IMDG, IATA** Void
- **Transport hazard class(es)**
  - **DOT, ADR, ADN, IMDG, IATA** Void
  - **Class** Void
- **Packing group**
  - **DOT, ADR, IMDG, IATA** Void
- **Environmental hazards:**
  - **Marine pollutant:** No
- **Special precautions for user**
  - **Not applicable.**
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
  - **Not applicable.**

### 15 Regulatory information

- **Sara**
  - **Section 355 (extremely hazardous substances):** None of the ingredient is listed.
  - **Section 313 (Specific toxic chemical listings):** None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**
  - 9003-01-4 Polyacrylic acid
- **Proposition 65**
  - **Chemicals known to cause cancer:** None of the ingredients is listed.
  - **Chemicals known to cause reproductive toxicity for females:** None of the ingredients is listed.
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- **Chemicals known to cause reproductive toxicity for males:**
  None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**
  None of the ingredients is listed.

- **Cancerogenity categories**
  - **EPA (Environmental Protection Agency)**
    None of the ingredients is listed.
  - **IARC (International Agency for Research on Cancer)**
    9003-01-4 Polyacrylic acid 3
    1309-37-1 Red iron oxide 3
  - **NTP (National Toxicology Program)**
    None of the ingredients is listed.
  - **TLV (Threshold Limit Value established by ACGIH)**
    1309-37-1 Red iron oxide A4
  - **MAK (German Maximum Workplace Concentration)**
    None of the ingredients is listed.
  - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
    None of the ingredients is listed.
  - **OSHA-Ca (Occupational Safety & Health Administration)**
    None of the ingredients is listed.

- **Product related hazard informations:**
  Observe the general safety regulations when handling chemicals.
  The product is not subject to identification regulations according to directives on hazardous materials.

- **Special labeling of certain preparations:**
  Safety data sheet available for professional user on request.

### 16 Other information

- **Department issuing MSDS:** Regulatory affairs
- **Contact:** regulatory@gceurope.com
- * Data compared to the previous version altered.