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

1.1. Product identifier
TempoCemID

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

1.3. Details of the supplier of the safety data sheet
- Company name: DMG Chemisch-Pharmazeutische Fabrik GmbH
- Street: Elbgaustraße 248
- Place: D-22547 Hamburg
- Telephone: +49. (0) 40. 84006-0
- Telefax: +49. (0) 40. 84006-222
- e-mail: info@dmg-dental.com
- Internet: www.dmg-dental.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
- Regulation (EC) No. 1272/2008
  - Hazard categories:
    - Skin corrosion/irritation: Skin Irrit. 2
    - Serious eye damage/eye irritation: Eye Irrit. 2
    - Respiratory or skin sensitisation: Skin Sens. 1
    - Specific target organ toxicity - single exposure: STOT SE 3
  - Hazard Statements:
    - May cause respiratory irritation.
    - Causes serious eye irritation.
    - Causes skin irritation.
    - May cause an allergic skin reaction.

2.2. Label elements
- Regulation (EC) No. 1272/2008
  - Signal word: Warning
  - Pictograms:

2.3. Other hazards
- No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Safety Data Sheet

according to Regulation (EC) No 1907/2006

Chemical characterization (preparation): Acrylate-resin.

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>41637-38-1</td>
<td>Dimethacrylate Resin</td>
<td>35-45%</td>
</tr>
</tbody>
</table>

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

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

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation
Exposition vermeiden. Provide fresh air. Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin
After contact with skin, wash immediately with: Water and soap.

After contact with eyes
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion
Consult physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
High power water jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Provide adequate ventilation.

6.2. Environmental precautions
Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up
Collect mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed in a cool, well-ventilated place. Store only in original container.
SECTION 8: Exposure controls/personal protection

8.1. Control parameters
8.2. Exposure controls

Protective and hygiene measures
When using do not eat or drink.

Eye/face protection
Tightly sealed safety glasses.

Hand protection
Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

Respiratory protection
The following must be prevented: inhalation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Paste
Colour: characteristic
Odour: ester

pH-Value (at 20 °C): ca. 7

Changes in the physical state
Initial boiling point and boiling range: >250 °C
point of decomposition: 200 °C
Flash point: >150 °C
Ignition temperature: >380 °C
Vapour pressure: 1 hPa
(at 20 °C)
Density: 1,5 g/cm³
Water solubility: 10 g/L
Vapour density: 1

SECTION 10: Stability and reactivity

10.4. Conditions to avoid
heat. Light.
Decomposition takes place from temperatures above: 200 °C
Decomposition under formation of: Acrylate.

10.5. Incompatible materials
radical former. Keep away from strong acids, leachates, heavy metal salts and reducing materials.

10.6. Hazardous decomposition products
Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent). nitrogen oxides (NOx).
SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
LD50: Rat. 5000 mg/kg

Irritation and corrosivity
Frequently or prolonged contact with skin may cause dermal irritation.
Irritant effect on the eye:

Additional information on tests
Contains Methacrylic esters.: May produce an allergic reaction.

SECTION 12: Ecological information

12.1. Toxicity
Acute fish toxicity LC50: >360 mg/l/48h

12.2. Persistence and degradability
Preparation not tested.

Further information
Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.
Paste: Carry out a burning of hazardous waste according to official regulations.

Waste disposal number of waste from residues/unused products
180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing hazardous substances
Classified as hazardous waste.

SECTION 14: Transport information

Other applicable information
Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

National regulatory information

SECTION 16: Other information

Relevant H and EUH statements (number and full text)
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)