1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation
AlphaPlast

Company/undertaking identification

<table>
<thead>
<tr>
<th>Company name:</th>
<th>DMG Chemisch-Pharmazeutische Fabrik GmbH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street:</td>
<td>Elbgaustraße 248</td>
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<td>Place:</td>
<td>D-22547 Hamburg</td>
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<tr>
<td>Telefax:</td>
<td>+49. (0) 40. 84006-222</td>
</tr>
<tr>
<td>Internet:</td>
<td><a href="http://www.dmg-dental.com">www.dmg-dental.com</a></td>
</tr>
<tr>
<td>e-mail:</td>
<td><a href="mailto:info@dmg-dental.com">info@dmg-dental.com</a></td>
</tr>
</tbody>
</table>

2. Hazards identification

Classification
Indications of danger: Irritant
R-phrases:
Irritating to eyes, respiratory system and skin.

Explication of special hazards for human health and environment
No risks worthy of mention. Please observe the information on the safety data sheet at all times.

3. Composition/information on ingredients

Chemical characterization (Mixture)
chemical characterization (preparation): Acrylate.-resin.

4. First aid measures

After inhalation
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.

5. Fire-fighting measures

Suitable extinguishing media

Extinguishing media which must not be used for safety reasons
High power water jet.

6. Accidental release measures

Personal precautions
Wear suitable protective clothing. Provide adequate ventilation.

Environmental precautions
Do not empty into drains or the aquatic environment.
Methods for cleaning up/taking up
Collect mechanically.

7. Handling and storage

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

Storage
Requirements for storage rooms and vessels
Keep container tightly closed in a cool, well-ventilated place.
Store only in original container.

8. Exposure controls/personal protection

Exposure limit values

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

Respiratory protection
The following must be prevented: inhalation.

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

Eye protection
Tightly sealed safety glasses.

9. Physical and chemical properties

General information
Physical state: Paste
Colour: yellow
Odour: like: ester

Important health, safety and environmental information
Test method
pH-Value (at 20 °C): not applicable
Changes in the physical state
point of decomposition: > 200 °C
Flash point: > 150 °C
Density: 1,8 g/cm³
Water solubility: 1 g/L
(at 20 °C)
Vapour density: > 1

10. Stability and reactivity

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

**Materials to avoid**
radical former. Keep away from strong acids, leachates, heavy metal salts and reducing materials.

**Hazardous decomposition products**
Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent)

### 11. Toxicological information

**Acute toxicity**
LD50: Rat. 10.000 mg/kg

**Corrosive and irritant effects**
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.

### 12. Ecological information

**Persistence and degradability**
Preparation not tested.

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

### 13. Disposal considerations

**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 dangerous substances
Classified as hazardous waste.

### 14. Transport information

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

### 15. Regulatory information

**Labelling**
Hazardous components which must be listed on the label
- Methacrylic esters.

**R phrases**
- 36/37/38 Irritating to eyes, respiratory system and skin.

**S phrases**
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 28 After contact with skin, wash immediately with plenty of Wasser und Seife.
National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

16. Other information

Full text of R-phrases referred to under sections 2 and 3

36/37/38 Irritating to eyes, respiratory system and skin.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)