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

1.1. Product identifier
2010

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: indigodental GmbH
Street: Fahlskamp 5
Place: D-25421 Pinneberg
Telephone: +49 (0) 41 01 86 86 8-0
Telefax: +49 (0) 41 01 86 86 7-0
E-mail: info@indigodental.com
Internet: www.indigodental.com

SECTION 2: Hazards identification

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

2.2. Label elements
Signal word: Danger
Pictograms: GHS05-GHS07

Hazard statements
- H335: May cause respiratory irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.

Precautionary statements
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3: Composition/information on ingredients

Revision No: 1.00
GB - EN
Revision date: 14.04.2016
3.2. Mixtures

Chemical characterization (preparation): Acrylate.-resin.

Hazardous components

<table>
<thead>
<tr>
<th>EC No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Classification according to Directive 67/548/EEC</td>
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<tr>
<td></td>
<td>Classification according to Regulation (EC) No. 1272/2008 [CLP]</td>
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<td>REACH No</td>
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<td>41637-38-1</td>
<td>Dimethacrylate Resin</td>
<td>&lt; 45 %</td>
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<tr>
<td>1565-94-2</td>
<td>Xi - Irritant R36/37/38-43</td>
<td></td>
</tr>
<tr>
<td>1585-22-0</td>
<td>Xi - Irritant R41-43</td>
<td></td>
</tr>
</tbody>
</table>

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of 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
Immediately get medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
High power water jet.

5.2. Special hazards arising from the substance or mixture

COx, NOx

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing. 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.

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

Appropriate engineering controls
Ensure adequate ventilation of the storage area.

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: yellow
Odour: like: ester

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

SECTION 10: Stability and reactivity

10.4. Conditions to avoid
Light. heat.
Decomposition takes place from temperatures above: 200 °C
10.5. Incompatible materials
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)

Further information
Substances sensitive to light.

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:

Sensitising effects
May cause sensitization by skin contact.

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

SECTION 12: Ecological information

12.2. Persistence and degradability
Preparation not tested.

Further information
Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.

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 dangerous 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
Water contaminating class (D): 2 - water contaminating

**SECTION 16: Other information**

**Relevant R-phrases (Number and full text)**
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 41 Risk of serious damage to eyes.
- 43 May cause sensitisation by skin contact.

**Relevant H- and EUH-phrases (Number and full text)**
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.

**Further Information**

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