SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name: TempSpan® Temporary Crown and Bridge Material - Base

1.2. Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses
Main use category: Professional use
Function or use category: Dental materials.

Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
Supplier: SpofaDental a.s.
Markova 238
CZ-506 01 Jicin Czech Republic
T +420 493 583 204

Manufacturer: PENTRON CLINICAL
1717 West Collins Avenue
Orange, CA 92867, USA
T 1-800-537-7123

Contact person: safety@kerrhawe.com - tel. +41916100505 (08.00-17.00)

1.4. Emergency telephone number
Emergency number: CHEMTREC® Emergency Call Center. Emergency Telephone Number (for USA only) 001-800-424-9300 International and Maritime Telephone Number +1 (703) 527-3887

<table>
<thead>
<tr>
<th>Country</th>
<th>Organisation/Company</th>
<th>Address</th>
<th>Emergency number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gibraltar</td>
<td>GHA Call Centre Zone 2, Level3, St Bernard’s Hospital</td>
<td>Harbour Views Road</td>
<td>+350 200 79700</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>+350 200 72266</td>
</tr>
<tr>
<td>Ireland</td>
<td>National Poisons Information Centre Beaumont Hospital</td>
<td>PO Box 1297 Beaumont Road 9 Dublin</td>
<td>+353 1 809 2566</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Healthcare professionals-24/7)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>+353 1 809 2166 (public, 8am - 10pm, 7/7)</td>
</tr>
<tr>
<td>Malta</td>
<td>Medicines &amp; Poisons Info Office</td>
<td>Mater Dei Hospital MSD Msida</td>
<td>+356 2545 6504</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>National Poisons Information Service (Newcastle Unit)</td>
<td>Claremont Place Newcastle-upon-Tyne, Newcastle</td>
<td>+44 191 2606182/+44 191 2606180 24H</td>
</tr>
</tbody>
</table>

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Skin Irrit. 2 H315
Eye Irrit. 2 H319
STOT SE 3 H335

Full text of H statements: see section 16

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP): GH307
Signal word (CLP): Warning
Hazardous ingredients: ethoxylated Bisphenol A-dimethacrylate
Hazard statements (CLP):
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
Precautionary statements (CLP):
P280 - Wear eye protection, protective gloves.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P261 - Avoid breathing vapours, fume, dust.
P312 - Call a POISON CENTER/doctor if you feel unwell.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
Extra phrases: The product is seen as a medical device and therefore not subject to labelling (EU-regulation 1272/2008, article 1, paragraph 5d).

2.3. Other hazards
Other hazards not contributing to the classification: None under normal conditions.
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances
Not applicable
3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethoxylated Bisphenol A-dimethacrylate</td>
<td>(CAS-No.) 41637-38-1 (EC-No) 609-946-4 (REACH-no) 01-211980659-17</td>
<td>30 - 60</td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td>Glass, oxide, chemicals</td>
<td>(CAS-No.) 65997-17-3 (EC-No) 266-046-0 (REACH-no) 01-2119488048-29</td>
<td>30 - 60</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures
First-aid measures general: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.
First-aid measures after ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Call a POISON CENTER/doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/effects after inhalation: May cause respiratory irritation.
Symptoms/effects after skin contact: Causes skin irritation.
Symptoms/effects after eye contact: Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically. In all cases of doubt, or when symptoms persist, seek medical attention.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire. Foam, carbon dioxide (CO2) and powder.
Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture
Fire hazard: Non flammable.
Explosion hazard: Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

Hazardous decomposition products in case of fire: Carbon oxides (CO, CO2), metallic oxide, Nitrogen oxides.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers.

Protection during firefighting: Do not enter fire area without proper personal protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Use personal protective equipment as required. Avoid contact with skin and eyes. Do not breathe vapour. Do not breathe dust.

For non-emergency personnel

Protective equipment: See Heading 8.

Emergency procedures: Evacuate unnecessary personnel.

For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Collect all waste in suitable and labelled containers and dispose according to local legislation.

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Sweep or shovel into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling: Do not eat, drink or smoke when using this product. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe dust. Avoid dust formation. Do not breathe vapours.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Protect from sunlight. Store in a well-ventilated place. Keep only in original container. Keep cool. Protect from sunlight.


Storage temperature: 2 - 8 °C

7.3. Specific end use(s)

Consult the supplier for further information. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Gloves.
Hand protection: Neoprene rubber gloves. Breakthrough time: 8 (> 480 minutes). Layer thickness: 0.2 - 0.4 mm. STANDARD EN 374.

Eye protection: Use splash goggles when eye contact due to splashing is possible. STANDARD EN 166.

Skin and body protection: Wear suitable protective clothing

Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

Other information: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Solid
Appearance: Paste.
Colour: Various.
Odour: Fruity.
Odour threshold: No data available
pH: No data available
Relative evaporation rate (butylacetate=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available
Relative vapour density at 20 °C: No data available
Relative density: No data available
Density: 1.4 g/cm³
Solubility: Poorly soluble in water.
Log Pow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: Product is not explosive.
Oxidising properties: Non flammable.
Explosive limits: No data available

9.2. Other information
No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No data available.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No polymerization.

10.4. Conditions to avoid
Keep away from heat and direct sunlight.

10.5. Incompatible materials
oxidizing materials. reducing materials. Organic peroxides.

10.6. Hazardous decomposition products
No decomposition if stored and used normally.
SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>TempSpan® Temporary Crown and Bridge Material - Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
</tr>
<tr>
<td>No data available.</td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>TempSpan® Temporary Crown and Bridge Material - Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
</tr>
<tr>
<td>No data.</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

<table>
<thead>
<tr>
<th>TempSpan® Temporary Crown and Bridge Material - Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecology - soil</td>
</tr>
<tr>
<td>No data.</td>
</tr>
</tbody>
</table>

12.5. Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>TempSpan® Temporary Crown and Bridge Material - Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</td>
</tr>
<tr>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects

<table>
<thead>
<tr>
<th>Other adverse effects</th>
<th>None to our knowledge.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional information</td>
<td>No other effects known</td>
</tr>
</tbody>
</table>

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Regional legislation (waste)</th>
<th>Dispose as hazardous waste.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste treatment methods</td>
<td>Recover the product with absorbent material. Dispose of contents/container in accordance with licensed collector’s sorting instructions.</td>
</tr>
<tr>
<td>Product/Packaging disposal recommendations</td>
<td>Dispose of contents/container to a hazardous or special waste collection point.</td>
</tr>
<tr>
<td>Ecology - waste materials</td>
<td>Avoid release to the environment.</td>
</tr>
<tr>
<td>European List of Waste (LoW) code</td>
<td>18 01 06* - chemicals consisting of or containing dangerous substances</td>
</tr>
</tbody>
</table>

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group
14.5. Environmental hazards

No supplementary information available

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

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

EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

National regulations


15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: OTHER INFORMATION

Indication of changes:
Composition/information on ingredients. Regulatory information.

<table>
<thead>
<tr>
<th></th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>Modified</th>
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</thead>
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<tr>
<td>2.2</td>
<td>Labelling according to Regulation (EC) No. 1272/2008 [CLP]</td>
<td>Modified</td>
</tr>
<tr>
<td>3.2</td>
<td>Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]</td>
<td>Removed</td>
</tr>
<tr>
<td>3.2</td>
<td>Composition/information on ingredients</td>
<td>Modified</td>
</tr>
</tbody>
</table>


Date of issue: 03/10/2012
Revision date: 15/04/2016
Supersedes: 30/09/2014
Version: 4.0
Signature: A. Åsebø Murel

Full text of H- and EUH-statements:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
</tbody>
</table>

The information in this safety data sheet is based on information from the manufacturer/supplier, present european and national legislation, and presupposes that the product is used within the specified area of application.