Safety Data Sheet
according to Regulation (EC) No 1907/2006

Perfectemp10

ECR#24922 Date: 15 Mar 2017        Product code: 001050

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

Product identifier

Perfectemp10
Further trade names
Perfectemp10 (A1; A2; A3; A3,5; B1;B1)

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

Use of the substance/mixture
See Directions for Use for the individual products.

Details of the supplier of the safety data sheet

Company name: Den-Mat Holdings, LLC
Street: 1017 W. Central Avenue
Place: Lompoc, CA 93436
Telephone: 1.800.433.6628        Fax: 1.805.347.7933
e-mail: info@denmat.com
Contact person: Senior Director of Quality & Regulatory
Internet: www.denmat.com
Responsible Department: Regulatory Affairs

Emergency telephone: 1.800.433.6628

Further Information
For dental use only!

SECTION 2: Hazards identification

Classification of the substance or mixture

Indications of danger : Irritant
R-phrases:
Irritating to eyes and skin.
May cause sensitization by skin contact.

Label elements

Danger symbols: Xi – Irritant

Xi – Irritant

Hazardous components which must be listed on the label
Aliphatic Dimethycrylate
Poly (alkylene glycol) diacrylate

R phrases
36/38       Irritating to eyes and skin.
43       May cause sensitization by skin contact.

S phrases
SECTION 3: Composition/information on ingredients

Mixtures

Chemical characterization
Preparation of methacrylates, filler materials and additives

Hazardous components

<table>
<thead>
<tr>
<th>EX No</th>
<th>Chemical name</th>
<th>Classification</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aliphatic Dimethycrylate</td>
<td>Xi R36/37/38-43</td>
<td>5 – 10%</td>
</tr>
<tr>
<td></td>
<td>Poly(alkyleneglycol)diacrylate</td>
<td>Xi R38-41-43</td>
<td>5 – 10%</td>
</tr>
</tbody>
</table>

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

SECTION 4: First aid measures

Description of first aid measures

After inhalation
Provide fresh air. Seek medical attention if problems persist.

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

After contact with eyes
If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion
Do not induce vomiting. Rinse mouth immediately and drink large quantities of water. Medical treatment necessary.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Advice for firefighters
No special technical protective measures are necessary.

Additional information
Extinguishing materials should be selected according to the surrounding area.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Provide adequate ventilation. avoid contact with skin

Methods and material for containment and cleaning up
Collect mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or
SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling
The usual precautions when handling chemicals have to be obtained.
When using do not eat or drink.

Further information on handling

Conditions for safe storage, including any incompatibilities

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Protective and hygiene measures
The usual precautions when handling chemicals have to be obtained.

Respiratory protection
Not required.

Hand protection
Protective gloves.

Suitable material:
Butyl rubber, NR (Natural rubber (Caoutchouc), Natural latex), PVC (Polyvinyl chloride).

Unsuitable materials:
NBR (Nitrile rubber).

Eye protection
Safety glasses.

Skin protection
Protective clothing.

Environmental exposure controls
Not required

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:
Colour:
Odour:
Paste
light beige
nearly odourless

Changes in the physical state
Flash point:
Water solubility:
> 100 °C
practically insoluble
Density (at 20 °C):

Test method
Viscosity / dynamic:
(at 23 °C)
cia. 1.4 g/cm³
cia. 9000 mPa·s

SECTION 10: Stability and reactivity

Conditions to avoid
None by intended use.

Incompatible materials
Radical former. Reducing agents.
**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**
Toxicological data are not available.

**Irritation and corrosivity**
Irritant effect on the skin: Irritant effect on the eye:

**Sensitising effects**
Sensitization through skin contact possible.

**Carcinogenic/mutagenic/toxic effects for reproduction**
No experimental indications of mutagenicity in-vitro exist.
No experimental indications of mutagenicity in-vivo exist.

**Empirical data on effects on humans**
No data available

**Further information**
May cause an allergic skin reaction.

**SECTION 12: Ecological information**

**Toxicity**
Do not allow uncontrolled leakage of product into the environment.

**SECTION 13: Disposal considerations**

**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. Carry out a burning of hazardous waste according to official regulations.

**Waste disposal number of waste from residues/unused products**
070799 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; wastes not otherwise specified

**Waste disposal number of used product**
200301 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; mixed municipal waste

**Waste disposal number of contaminated packaging**
200301 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; mixed municipal waste

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

<table>
<thead>
<tr>
<th>UN proper shipping name:</th>
<th>Not a hazardous material with respect to these transportation regulations.</th>
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</table>

**Inland waterways transport**

<table>
<thead>
<tr>
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</tr>
</thead>
</table>

**Marine transport**

<table>
<thead>
<tr>
<th>UN proper shipping name:</th>
<th>Not a hazardous material with respect to these transportation regulations.</th>
</tr>
</thead>
</table>
**UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.

**Air transport**

IATA - Not regulated. Not a Dangerous Good. Not Hazardous

**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information**

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

**National regulatory information**

Water contaminating class (D):

1 - slightly water contaminating

**SECTION 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.
- 36/38 Irritating to eyes and skin.
- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.
- 43 May cause sensitization by skin contact.

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