

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Perfectemp10

ECR#23313 Date: 27 Feb 2015

Product code: 001050

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

##### Product identifier

PerfectTemp10  
Further trade names  
Perfectemp10 (A1; A2; A3; A3,5; B1;BL)

##### 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	Telephone: 1.800.433.6628 ext. 2986
Internet:	www.denmat.com	
Responsible Department:	Regulatory Affairs	
<u>Emergency telephone:</u>	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 Dimethacrylate  
Poly (alkyleneglycol) diacrylate

##### R phrases

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

##### S phrases

- 24 Avoid contact with skin.  
37 Wear suitable gloves.

### SECTION 3: Composition/information on ingredients

#### Mixtures

##### **Chemical characterization**

Preparation of methacrylates, filler materials and additives

##### **Hazardous components**

EX No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
	Aliphatic Dimethacrylate	
	Xi R36/37/38-43	
	Poly(alkyleneglycol)diacrylate	5 – 10%
	Xi R38-41-43	

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**

Water spray. Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).

#### 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

universal binding agents).

## 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:

Paste

Colour:

light beige

Odour:

nearly odourless

#### **Changes in the physical state**

Flash point:

#### **Test method**

Viscosity / dynamic:

Water solubility:

(at 23 °C)

> 100 °C

ca. 1,4 g/cm<sup>3</sup>

practically insoluble

ca. 9000 mPa·s

Density (at 20 °C):

## SECTION 10: Stability and reactivity

### Conditions to avoid

None by intended use.

### Incompatible materials

Radical former. Reducing agents.

### **Hazardous decomposition products**

None by intended use.

## **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)**

#### **UN proper shipping name:**

#### **Inland waterways transport**

Not a hazardous material with respect to these transportation regulations.

#### **UN proper shipping name:**

#### **Marine transport**

Not a hazardous material with respect to these transportation regulations.

**UN proper shipping name:**

Not a hazardous material with respect to these transportation regulations.

**Air transport**

**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.)*