

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

### 1.1 Product identifier

Product code: CEKA SITE

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

No further relevant information available.

### 1.3 Details of the supplier of the safety data sheet

ALPHADENT NV, Mannebeekstraat 33, 8790 Waregem, Belgium, T +32 (0)56 629 531

### 1.4 Emergency telephone number

Belgian Poison Control Centre (24 hours) **070 245 245** or call a poison control centre in your area

## SECTION 2. Hazards identification

### 2.1 Classification of the substance or mixture

- **Classification according to Regulation (EC) No 1272/2008:**

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 4 H413 May cause long-lasting harmful effects to aquatic life.

### 2.2 Label elements

- **Labelling according to Regulation (CE) No 1272/2008:**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictogram:**



GHS07

- **Signal word:** Warning

- **Hazard-determining components of labelling:**

tetramethylene dimethacrylate

dibenzoyl peroxide

- **Hazard statements**

H317 May cause an allergic skin reaction.

H413 May cause long-lasting harmful effects to aquatic life.

- **Precautionary statements**

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P321 Specific treatment (see on this label).

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

- **Labelling of packages where the contents do not exceed 125 ml**

- **Hazard pictogram:**



GHS07

- **Signal word:** Warning

- **Hazard-determining components of labelling:**

tetramethylene dimethacrylate

dibenzoyl peroxide

- **Hazard statements**  
H317 May cause an allergic skin reaction.  
H413 May cause long-lasting harmful effects to aquatic life.
- **Precautionary statements**  
P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P280 Wear protective gloves.  
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.  
P321 Specific treatment (see on this label).  
P501 Dispose of contents/container in accordance with local/regional/national/international regulation.





### 2.3 Other hazards

- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

## SECTION 3. Composition / Information on ingredients

### 3.2 Chemical characterisation: Mixtures

- **Description:** Adhesive material for dental use
- **Dangerous components**

CAS: 56744-60-6 EINECS: 260-363-8	bisphenol-A-ethoxylate(4)dimethacrylate Aquatic Chronic 4, H413	25-50%
CAS: 2082-81-7 EINECS: 218-218-1	tetramethylene dimethacrylate  Skin Sens. 1B, H317	2.5-10%
CAS: 94-36-0 EINECS: 202-327-6	dibenzoyl peroxide   Org. Perox. B, H241;  Eye Irrit. 2, H319; Skin Sens. 1, H317	<2.5%

- **Additional information:** For the wording of the listed risk phrases refer to Section 16.

## SECTION 4. First aid measures

### 4.1 Description of first aid measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness, place patient stably in side position for transportation.
- **After skin contact:** If irritation continues, consult a doctor. Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Seek medical treatment.

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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## SECTION 5. Fire-fighting measures

### 5.1 Extinguishing media

- **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet

### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3 Advice for firefighters

- **Protective equipment:** Wear self-contained respiratory protective device.

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## SECTION 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid eye and skin contact with the substance.

### 6.2 Environmental precautions

Do not allow to enter sewers/surface or groundwater.

### 6.3 Methods and material for containment and cleaning up

Send for recovery or disposal in suitable receptacles.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to Section 13.

Ensure adequate ventilation.

### 6.4 Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## SECTION 7. Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

- **Information about fire and explosion protection:** Keep ignition sources away. Do not smoke.

### 7.2 Conditions for safe storage, including any incompatibilities

- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in refrigerator.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.

### 7.3 Specific end use(s):

No further relevant information available.

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## SECTION 8. Exposure controls / Personal protection

- **Additional information about design of technical facilities**  
No further data; see Section 7.

## 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists valid during the making were used as a basis.

## 8.2 Exposure controls

- **Personal protective equipment**

- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

- **Respiratory protection:** Not required

- **Protection of hands:** Protective gloves

- **Material of gloves**

Nitrile rubber, NBR

Butyl rubber, BR

- **Penetration time of glove material**

0.3 mm

Penetration time 60 min.

0.11 mm

Penetration time 30 min.

- **Eye protection:** Safety glasses

- **Body protection:** Protective work clothing

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- **General information**

- **Appearance**

**Form:** Viscous

**Colour:** Different according to colouring

- **Odour:** Characteristic

- **Odour threshold:** Not determined

- **pH value:** Not determined

- **Change in condition**

**Melting point/freezing point:** <-20°C

Not determined

**Initial boiling point and boiling range:** 151°C

- **Flash point:** 201°C

- **Flammability (solid, gaseous):** Not applicable

- **Ignition temperature:** >370°C

- **Decomposition temperature:** Not determined

- **Auto-ignition temperature:** Product is not self-igniting.

- **Explosive properties:** Product does not present an explosion hazard.

- **Explosion limits:**

**lower:** Not determined

**upper:** Not determined

- **Vapour pressure:** 1.3 mbar (110°C)

- **Density:** Not determined

- **Relative density:** Not determined

- **Vapour density:** Not determined

- **Evaporation rate:** Not determined

- **Solubility in / Miscibility with water:** Not miscible or difficult to mix

- **Partition coefficient: n-octanol/water:** Not determined

- **Viscosity:**

**dynamic:** Not determined

**kinematic:** Not determined

- **Solvent content:**  
**Solids content:** 0.0%

9.2 **Other information:** No further relevant information available.

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## SECTION 10. Stability and reactivity

10.1 **Reactivity:** No further relevant information available

10.2 **Chemical stability**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

10.3 **Possibility of hazardous reactions:** No dangerous reactions known.

10.4 **Conditions to avoid:** No further relevant information available.

10.5 **Incompatible materials**

In presence of radical formers (e.g. peroxides), deoxidising substances and/or heavy metal ions, polymerisation with heat release is possible.

10.6 **Hazardous decomposition products:** No dangerous decomposition products known.

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## SECTION 11. Toxicological information

11.1 **Information on toxicological effects**

- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**  
tetramethylene dimethacrylate LD50 oral > 5000 mg/kg (rat)
- **Primary irritant effect:**
- **Skin corrosion / irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage / Eye irritation:** Based on available data, the classification criteria are not met.
- **Skin or respiratory sensitisation:** May cause an allergic skin reaction.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

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## SECTION 12. Ecological information

12.1 **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

12.2 **Persistence and degradability:** No further relevant information available.

12.3 **Bioaccumulative potential:** No further relevant information available.

12.4 **Mobility in soil:** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach groundwater, water course or sewage system.

**12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable
- **vPvB:** Not applicable

**12.6 Other adverse effects:** No further relevant information available.

**SECTION 13. Disposal consideration**

**13.1 Waste treatment methods**

- **Recommendation:**  
Must be specially treated adhering to official regulations.  
Must not be disposed of together with household waste. Do not allow product to reach sewage systems.
- **European waste catalogue:**  
08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
- **Uncleaned packaging**
- **Recommendation:**  
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

**SECTION 14. Transport information**

<b>14.1 UN-Number</b>	
• ADR, ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b>	
• ADR, ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b>	
• ADR, ADN, IMDG, IATA	
• Class	Void
<b>14.4 Packing group</b>	
• ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards</b>	
• Marine pollutant	No
<b>14.6 Special precautions for user</b>	Not applicable
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable
• UN "Model Regulation"	Void

**SECTION 15. Regulatory information**

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

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I:** None of the ingredients is listed.
- **Regulation (EC) No. 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations**

- **Technical instructions (air):**

Class	Share in %
III	2.5-10

- **Water hazard class:** Water hazard class 1 (self-assessment): slightly hazardous for water

**15.2 Chemical safety assessment:** A chemical safety assessment has not been carried out.

## SECTION 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H241 Heating may cause a fire or explosion.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H413 May cause long-lasting harmful effects to aquatic life.

- **Abbreviations and acronyms :**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Org. Perox. B: Organic Peroxides, Type B

Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

Skin Sens. 1: Sensitisation - Category 1

Skin Sens. 1B: Sensitisation - Category 1B

Aquatic Chronic 3: Hazardous to the aquatic environment – long-term aquatic hazard - Category 4