

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

- **Trade name** **CEKA SITE**
- **Company** ALPHADENT NV, Mannebeekstraat 33,
8790 Waregem, Belgium, T +32 (0)56 629 531
- **Emergency telephone number** Belgium: Poison Control Centre (24/7) **070 245 245**
or call a poison control centre in your area

2. Hazards identification

2.1 Classification of the substance or mixture

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



GHS07

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

2.2 Label elements

- **Classification according to Regulation (CE) No 1272/2008:**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms:** GHS07
- **Signal word:** Warning
- **Hazard-determining components of labelling:**
1,4-butanediol dimethacrylate
Dibenzoyl peroxide
Dicyclohexyl phthalate
- **Hazard statements**
H317 May cause an allergic skin reaction.
- **Precautionary statements**
P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P321 Specific treatment (see on this label).
P363 Wash contaminated clothing before reuse.
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
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 pictograms:** GHS07
- **Signal word:** Warning
- **Hazard-determining components of labelling:**
1,4-butanediol dimethacrylate
Dibenzoyl peroxide
Dicyclohexyl phthalate

- **Hazard statements**

H317 May cause an allergic skin reaction.

- **Precautionary statements**

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

P280 Wear protective gloves/protective clothing/eye protection/face protection..

P321 Specific treatment (see on this label).

P363 Wash contaminated clothing before reuse.

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

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

3. Composition / Information on ingredients

- **Chemical characterization:** Mixtures

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

- **Dangerous components:**

CAS: 2082-81-7 EINECS: 218-218-1	1,4-butanediol 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 %
CAS: 84-61-7 EINECS: 201-545-9	Dicyclohexyl phthalate  Repr. 2, H361;  Skin Sens. 1, H317; Aquatic Chronic 3, H412	< 2,5 %

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

4. First aid measures

4.1 Description of first aid measures

- **General information:** No special measures required.

- **after inhalation:** Supply fresh air; consult doctor in case of complaints.

- **after skin contact:** Wash off immediately with soap and plenty of water. If skin irritation continues, consult a doctor.
- **after eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **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.

5. Fire-fighting measures

5.1 Extinguishing media

- **Suitable extinguishing agents:** CO₂, 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.

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 ground water.

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).

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.

7. Handling and storage

7.1 Precautions for safe handling: No special measures required.

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:** Protect from heat and direct sunlight.

- **Storage class:**
- **Classification according to BetrSichV (work safety regulation): -**

7.3 Specific end use(s): No further relevant information available.

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:**

2082-81-7 1,4-butanediol dimethacrylate

MAK see Section 4

- **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
- **Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **General information**
- **Appearance**
 - Form: viscous
 - Colour: grey
- **Odour:** weak, characteristic
- **Odour threshold:** Not determined
- **pH value:** Not determined
- **Change in condition**
 - Melting point/melting range: < - 20 °C
 - Boiling point/boiling range: 151 °C
- **Flash point:** 201 °C
- **Flammability (solid, gaseous):** Not applicable
- **Ignition temperature:** > 370 °C

• Decomposition temperature:	Not determined
• Self-igniting:	Product is not self-igniting.
• Danger of explosion:	Product does not present an explosion hazard.
• Explosion limits:	
upper:	Not determined
lower:	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	
Organic solvents:	0.0 %
9.2 Other information:	No further relevant information available.

10. Stability and reactivity

10.1 Reactivity

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), deoxidizing substances, and/or heavy metal ions, polymerization with heat release is possible.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

1,4-butanediol dimethacrylate LD50 oral > 5000 mg/kg (rat)

Dibenzoyl peroxide 78 % LD50 oral > 5000 mg/kg rat (lit.)

Dicyclohexyl phthalate LD50 oral > 2000 mg/kg (rat)

- **Primary irritant effect**

- **Skin corrosion / irritation**

1,4-butanediol dimethacrylate no irritant effect Time: 24h
Species: rabbit, Method occlusive, FDA Draize

• **Serious eye damage / Eye irritation:**

1,4-butanediol dimethacrylate no irritant effect Species: rabbit, Method OECD 405
Dibenzoyl peroxide: irritant effect

• **Skin or respiratory sensitization:** Sensitization possible by skin contact.

• **Repeated dose toxicity:** 1,4-butanediol dimethacrylate (OECD 422, rat, oral)
NOAEL 300 mg/kg

• **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.

• **Toxicity for reproduction:** Based on available data, the classification criteria are not met.

• **Specific target organ systemic toxicity (single exposure):**

Based on available data, the classification criteria are not met.

• **Specific target organ systemic toxicity (repeated exposure):**

Based on available data, the classification criteria are not met.

• **Aspiration hazard:** Based on available data, the classification criteria are not met.

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:**

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

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 empty into drains.

• **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.

14. Transport information

14.1 UN-Number

- ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

- ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

- ADR, ADN, IMDG, IATA
- Class Void

14.4 Packing group

- ADR, IMDG, IATA Void

14.5 Environmental hazards

- Marine pollutant No

14.6 Special precautions for user

Not applicable

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

Not applicable

- UN "Model Regulation" -

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.
- National regulations
- Technical instructions (air):

Class	Share in %
III	2.5-10

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

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

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.

H361 Suspected of damaging fertility or the unborn child.

H412 Harmful to aquatic life with long-lasting effects.

- **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

Org. Perox. B: Organic Peroxides, Type B

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

Repr. 2: Reproductive toxicity, Hazard Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3