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

1.1 Product identifier

CEKA Multi O Composite

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

No further relevant information available

Application of the substance / mixture: Dental cement

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

2. Hazards identification

2.1 Classification of the substance or mixture

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

The product is not classified according to the CLP Regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Additional information:

Contains dibenzoyl peroxide, dicyclohexyl phthalate. May produce an allergic reaction.
Safety data sheet available on request.

Labelling of packages where the contents do not exceed 125 ml

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

2.3 Other hazards

Results of PBT and vPvB assessment


PBT: Not applicable

vPvB: Not applicable

3. Composition/information on ingredients

3.1 Chemical characterization: Mixtures

Description: Adhesive material for dental use

| Dangerous components | | | |
|----------------------|--|--|----------|
| 63225-53-6 | Monofunctional aliphatic urethane acrylate |  Skin Irrit. 2, H315; Eye Irrit. 2, H319 | 2.5-10 % |

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: If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water. Call a doctor immediately.

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. Firefighting 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: Adapt to environment.

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

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

Keep away from heat and direct sunlight.

Information about fire and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Storage 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

8. Exposure controls/personal protection

Additional information about design of technical facilities: No further data, see item 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 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 necessary if room is well-ventilated.

Protection of hands: Solvent-resistant gloves

Material of gloves: Butyl rubber, BR

Penetration time of glove material: 0.1-0.2 mm. Penetration time: 5 min.

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance
Form

Viscous

| | |
|---|---|
| Colour | Colourless |
| Odour | Weak, characteristic |
| Odour threshold | Not determined |
| pH value | Not determined |
| Change in condition | |
| Melting point/melting range | Not determined |
| Boiling point/boiling range | 251 °C |
| Flash point | 151 °C |
| Flammability (solid, gaseous) | Not applicable |
| Ignition temperature | 400 °C |
| Decomposition temperature | Not determined |
| Self-igniting | Product is not self-igniting. |
| Danger of explosion | 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 |
| cinematic | Not determined |
| Solvent content | |
| Organic solvents | 0.0 % |
| 9.2 Other information | No further relevant information available |

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

Exothermic polymerization

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

LD/LC50 values relevant for classification:

Dibenzoyl peroxide: 78 % in water oral > 5000 mg/kg (rat)

inhalation > 24.3 mg/1/4h (rat)

N,N-Bis(2-hydroxyethyl)-p-toluidine LD-50 oral 300 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

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.

12. Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and biodegradability: 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 2 (German regulation) (self-assessment): hazardous to water

Do not allow to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

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 considerations

13.1 Waste treatment methods

Recommendation: Must be specially treated adhering to official regulations.

European waste catalogue: 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Uncleaned packaging:

Recommendation: Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Recommended cleansing agents: Ethyl acetate

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 MARPOL 73/78 and the IBC code Not applicable

UN "Model Regulation"

Void

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.

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

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Abbreviations and acronyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

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