

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 1 of 9

CopraTemp

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

1.1. Product identifier

CopraTemp

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

PMMA blanks for the production of individual dental restorations

1.3. Details of the supplier of the safety data sheet

Company name: Whitepeaks Dental Solutions GmbH
 Street: Weikenrott 17
 Place: 46499 Hamminkeln
 Country: Germany
 Telephone/ fax: +49 281 206458 0 / +49 281 206458 13
 e-mail: info@white-peaks-dental.de
 Internet: www.white-peaks-dental.com

1.4. Emergency telephone number

Emergency information: +49 281 206458 0 (only staffed during office hours)

2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) no. 1272/2008
 The product is not classified as dangerous according to Regulation (EC) Nr. 1272/2008.

2.2. Label elements

Labelling according to Regulation (EC) no. 1272/2008	not applicable
Hazard pictogram(s)	not applicable
Signal word(s)	not applicable
Hazard statement(s)	not applicable

2.3. Other hazards

A PBT/vPvB assessment is not available as a chemical safety assessment is not required.

3. Composition/information on ingredients

3.1. Substances

This product is a mixture.

3.2. Mixtures

Chemical Charecterization/ Description

Mixture of the following substances with harmless admixtures:

substance	formula	CAS-no.	Einecs-no.	hazard categories	share in %
polymethymethacrylate	C ₅ O ₂ H ₈	9011-14-7	618-466-4	---	50 – 100

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 2 of 9

**Substances with limit values for exposure at the workplace/
Maximum workplace concentrations and biological tolerance values at work**
none

Additional notes

The hazard and safety instructions in chapters 4-8 and 12 do not refer to the product itself, but to the dust released during processing.

4. First aid measures

4.1. Description of first aid measures

General notes

Consult a doctor if health problems occur.

After inhalation

Ensure a supply of fresh air. Consult a doctor if symptoms persist.

After skin contact

Wash with plenty of water and soap, rinse well. Consult a doctor if symptoms persist.

After eye contact

Rinse opened eye thoroughly with water. Consult a doctor if symptoms persist.

After swallowing

Rinse mouth immediately and drink plenty of water. Consult a doctor if symptoms persist.

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

No other relevant information available.

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

No other relevant information available.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet (mist), foam extinguishing agent, dry extinguishing agent (powder), carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire, release of carbon monoxide, carbon dioxide, organic products of decomposition possible.

5.3. Advice for firefighters

Avoid inhalation of combustion gases. Stay in the danger zone only with self-contained breathing apparatus.

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 3 of 9

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure a sufficient supply of fresh air. Use a suction system. Do not inhale dust. Avoid contact with mouth and eyes. Use personal protective equipment.

6.2. Environmental precautions

not applicable

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Suction. Ensure adequate ventilation. Avoid dust formation. Collect in suitable, closed containers for disposal.

6.4. Reference to other sections

Safe handling	see section 7
Personal protective equipment	see section 8
Disposal	see section 13

7. Handling and storage

7.1. Precautions for safe handling

Notes on safe handling

Ensure a sufficient supply of fresh air. Use a suction system. Do not inhale dust. Avoid contact with mouth and eyes. Use personal protective equipment.

General hygiene measures

Do not eat, drink or smoke in areas where work is carried out. Wash hands after use. Take off soiled clothing and protective equipment before entering areas where food is eaten.

Notes on fire and explosion protection

No other relevant information available.

Further information on handling

Observe occupational exposure limits.

7.2. Conditions for safe storage, including any incompatibilities

Dry storage. Store in the original container.

7.3. Specific end use(s)

Blanks for the production of individual dental restorations

8. Exposure controls/ personal protection

8.1. Control parameters

Occupational exposure limits (TRGS 900)

General dust limit

respirable fraction

inhalable fraction

1,25 mg/m³, peak limitation 2(II)

10 mg/m³, peak limitation 2(II)

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 4 of 9

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 5 of 9

Maximum workplace concentration (MAK- and BAT values list)

Dust, general threshold limit value

respirable fraction

see section Vf, 0,3 mg/m³, peak limitation
II(8), Preg gr C, Carc cat 4

inhalable fraction

see section Vf and g, 4,0 mg/m³

Additional notes: The lists valid at the time of preparation were used as a basis.

8.2. Exposure controls/ personal protection

Suitable technical control equipment

Technical measures and the application of appropriate working methods have priority over using personal protective equipment. Ensure good ventilation. This can be achieved by local suction or general exhaust air.

Protection and hygiene measures

Ensure good ventilation. Use a suction system. Do not inhale dust. Avoid contact with mouth and Eyes. Do not smoke, eat or drink while working. Keep away from food and drink. Wash hands after use. Take off soiled clothing and protective equipment before entering areas, in which food is eaten.

Respiratory protection

In case of insufficient suction/ ventilation wear respiratory protection (do not inhale dust).

Eye/ face protection

Wear safety glasses.

Hand protection

Use protective gloves.

Body protection

Use light protective clothing.

Environmental exposure controls

See sections 6 and 7.

9. Physical and chemical properties und chemische Eigenschaften

9.1. Information on basic physical and chemical properties

Appearance	solid
Colour	various colours
Odour	odourless
Odour threshold	not applicable
pH value	not applicable
Melting point	not determined
Freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	> 250°C

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 6 of 9

Evaporation rate	not determined
Flammability (solid, gas)	not applicable
Upper/ lower flammability or explosive limits	not applicable
Vapour pressure/ density	not determined
Relative density (20°C)	approx 1,17 g/cm ³
Solubility in water/ miscibility	insoluble in water
Solubility in other solvents	not determined
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not self-igniting
Decomposition temperature	not determined
Viscosity	not determined
Explosive properties	not explosive
Oxidising properties	not determined

9.2. Other information

No other relevant information available.

10. Stability and reactivity

10.1. Reactivity

No other relevant information available.

10.2. Chemical stability

The product is chemically stable under normal environmental conditions (room temperature).

10.3. Possibility of hazardous reactions

No dangerous reactions are known when used as intended.

10.4. Conditions to avoid

No other relevant information available.

10.5. Incompatible materials

No other relevant information available.

10.6. Hazardous decomposition products

None if used as intended. In case of fire release of carbon monoxide, carbon dioxide, organic decomposition products possible.

11. Toxicological information

11.1. Information on toxicological effects

The product itself does not cause toxic reactions and is not allergenic. According to the information available, no reactions harmful to health are known to occur when handled and stored properly. The following information does not refer to the product itself, but to the dust generated during processing.

Acute toxicity

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

Corrosion and irritation (skin corrosion/ irritation/ serious eye damage/irritation)

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 7 of 9

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

12. Ecological information

No environmental problems are to be expected when used properly.

12.1. Toxicity

No other relevant information available.

12.2. Persistence and degradability

No other relevant information available.

12.3. Bioaccumulative potential

No other relevant information available.

12.4. Mobility in soil

No other relevant information available.

12.5. Results of PBT and vPvB assessment

A PBT/vPvB assessment is not available as a chemical safety assessment is not required.

12.6. Other adverse effects

No other relevant information available.

13. Disposal considerations

13.1. Waste treatment methods

Dispose of product and packaging in accordance with local/ regional/ national/ international

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 8 of 9

regulations.

safety data sheet

according to 1907/2006/EC, article 31 – 2015/830/EU

CopraTemp

version no. 10

valid from: 14.08.2024

page 9 of 9

14. Transport information

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Indicator environmentally hazardous substances no

14.6. Special precautions for user

see sections 6 - 8

14.7. Transport in bulk according to Annex II of MARPOL and the IBC-Code

Not applicable.

15. Regulatory information

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

The product is not subject to labelling according to EC Directives/ Ordinance on Hazardous Substances (GefStoffV).

The product falls under the EC Directive 93/42/EEC for medical devices, resp. Regulation (EU) 2017/745 (MDR).

15.2. Chemical safety assessment

A chemical safety assessment was not carried out.

16. Other information

The information given in this safety data sheet is based on our present knowledge and experience and refers to the product in the state of delivery. The information is intended to provide guidelines for the product during storage, processing, transport and disposal. They are not transferable to other products. Insofar as the product is mixed, blended or processed with other materials or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. However, no warranty, guarantee or surety, either explicit or implicit, is made as to the accuracy, reliability and/or completeness of this information. We urge persons receiving this information to verify the suitability and completeness of this information for their particular application.