

Safety Data Sheet according to Regulation (EC) No. 1907/2006

1. Product identification/preparation/company undertaking

Trade name:	ZAKK ® Beauty
Indication:	Esthetic temporary crown - and bridge cement
Order-No.:	ZKS2075
Manufacturer:	R-dental Dentalerzeugnisse GmbH Winterhuder Weg 88 D-22085 Hamburg Germany
Emergency information:	R-dental Dentalerzeugnisse GmbH Dr. Andreas Sprafke Phone: + 49 40-22 75 76 17 E-mail: info@r-dental.com

2. Hazards identification

Risk identification:	-
Special risks for human beings and environment:	If not used correctly, it may cause irritating eyes, respiratory tract and skin.
Classification:	Classification corresponds to present EEC guidelines, additionally information by literature.

3. Composition/information of ingredients

Chemical characterization:	Mixture of resins on Bis-GMB basis methacrylates, catalysts, stabilizers and pigments
Hazardous components:	-

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4. First-aid measures

After inhalation:	-
After skin contact:	Wash with plenty of water and soap.
General information after eye contact:	Rinse with plenty of water and consult an eye physician.
General information after swallowing:	Seek medical advice immediately.

5. Fire fighting measures

Extinguishing media:	CO ₂ , water.
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Protective equipment: -
Additional informations: -

6. Accidental release measures

Personal precautions: No precautions necessary.
Environmental precautions: Do not let liquid material come into contact with the environment.
Methods for cleaning up liquid material: Pick up the material.
Methods for cleaning up polymerized material: Pick up the material.
Additional informations: -

7. Handling and storage

Handling procedures: This product should only be used by a dentist or a licensed professional.
Storage: Store in dry place, at room temperature or cool and away from food stuffs.
Requirements for storage with other products: -
Additional storage conditions: -
Storage classification: -
VBF-classification: -

8. Exposure controls/personal protection

Additional information for technical plants: The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Components with limits of value to be supervised at the workplace:

Additional information:
Personal protective equipment: -
General measures of protection and hygiene: Avoid contact with eyes or skin.
Respiration: -
Hands: Wear protective gloves.
Eyes: Wear eye glasses.
Pregnancy: -

9. Physical and chemical properties

Appearance:
Form: Paste.
Colour: Tooth shades, white.
Odour: Odourless.

Information on change in the physical state (Value, unit, method)

Danger of explosion:	-
Vapour pressure:	-
Density:	1,70 g/cm ³ (68 °F)
Water solubility:	Not soluble.
Melting point/melting range:	-
pH:	Neutral.
Boiling point/boiling range:	-
Flash point:	-
Autoignition temperature:	-
Viscosity:	Flowable.
Solubility in/miscibility with:	-
Content of solvents:	-
Organic solvents:	-
Water:	-
Content of solids:	-

10. Stability and reactivity

Stability and reactivity:	Avoid heat and sunlight.
Incompatibility with other substances:	Polymerizes in contact with peroxids, metal powders, strong oxidizers and free radical starters.
Dangerous reactive substances:	-

11. Toxicological information

Allergic reactions to methacrylates by chronic exposure to methacrylates are possible.

Acute toxicity:	-
Primary irritation skin:	Slightly irritating.
Eye:	Irritating.
Inhalation:	-
Ingestion:	-
Sensitization of product:	Not observed.
Additional toxicological information:	During a long period of use as methacrylate based materials no health diseases are reported.

12. Ecological information

General information:

Degrance:	Do not let the material come in contact with the environment.
Fish toxicity:	Do not let the material come in contact with the environment.
Classification of water endangerment (WGK):	-
Additional information:	Do not let the material come in contact

with the environment.

13. Disposal consideration

Recommendation: Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

Disposal key number:

-

Uncleaned packaging:

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14. Transport information

Transport information: Not classified as dangerous goods.

Land transport RID/ADR, GGVS/GGVE: Not classified as dangerous goods.

Sea transport IMDG/GGVSea: Not classified as dangerous goods.

Air transport ICAO-TI and IATA-DGR: Not classified as dangerous goods.

15. Regulatory information

Classification according to EEC-guidelines (according to GEfStoffV/EG):

N Dangerous for the environment

Xi Irritating

R 36/37/38 Irritating eyes, respiratory tract and skin

R50/53 Very toxic to aquatic organisms, may cause long term adverse effects
in the aquatic environment

National prescriptions: -

16. Other informations

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to product properties. However users of the product should satisfy themselves that the information given above is sufficient and correct for their circumstances of use.

Prepared by: Dr. Andreas Sprafke, R-dental GmbH.