

Material Safety Data Sheet

according Directive 91/155 EEC

Important: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

1. Identification of the substance/preparation and company

- 1.1. **Product Name:** ResiCem (Primer B)
- 1.2. **Company:**
Shofu Dental GmbH
Am Brüll 17
40878 Ratingen
Phone No. +49 (0)2102/8664-0 Fax-№ +49 (0)2102/8664-64
info@shofu.de
- 1.3. **Emergency Phone No.**
+49 (0)2102/8664-20

2. Composition/information on ingredients

Compositions given are typical values, not specifications

2.1. Ingredients	Einecs nc % weight	Symbol	risk-phrases	CAS-No.
2-Hydroxy Ethyl Methacrylate	≐40%	XI	irritant	868-77-9
Acetone	≤20%	F	flammable	67-64-1
Acrylic adhesive monomer				
Others				

3. Hazard identification

- 3.1. **For the user:** Irritating to eyes and skin
Possible nausea on prolonged exposure
- 3.2. **Environmental hazard:** Inhalation may occur sore throat, cough, confusion, headache and/or dizziness
- 3.4. **Hazard Designation:** Flammable and irritant preparation. Symbols are **F** and **Xi**

4. First aid measures

- 4.1. **Inhalation:** Move to the open air
- 4.2. **Skin contact:** Wash immediately with soap and plenty of water
- 4.3. **Eye contact:** Flash with flowing water and consult physician
- 4.4. **Ingestion:** Consult physician

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5. Fire-fighting measures

- 5.1. **Extinguisher method:** foam, CO₂, dry chemical, water
- 5.2. **Not useful method:**
- 5.3. **Special Exposure Hazards Arising:** Easily flammable liquid in room temperature
Irritation gases and fumes may emit
- 5.4. **Special equipment for fire-fighting:** Wear fire protective cloth and self-contained breathing apparatus if necessary

6. Accidental release measures

- 6.1. **Personal precautions:** Avoid eye and skin contact -see section 8-
Do not inhale vapor
- 6.2. **Environmental precautions:** Dispose according to local, state and federal regulations
- 6.3. **Methods for cleaning up** Wipe up and discard in a suitable container
(leak-proof and gastight)

7. Handling and storage

- 7.1. **Handling:** Handle in a well ventilated place, keep away from naked flames, sparks and sources of heat, do not smoke. Wear protective gloves, safety spectacles or face shield
- 7.1.1. **Precautions for safe handling:**
- 7.2. **Storage:** Store in a cool and dark fire proof area with container tightly closed. Separate from strong oxidants
- 7.2.1. **Precautions for storage rooms:** Keep refrigerated when not in use
- 7.2.2. **Storage of incompatible materials:**
- 7.2.3. **Special storage conditions:** Do not expose to sunlight or heat
No smoking area

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8. Exposure controls/personal protection

8.1. Exposure controls:

8.1.1. **ACGIH TLV** Acetone[Cas No. 67-64-1] 1780 mg/m³
2HEMA [Cas no.868-77-9] None assigned

8.2. **Respiratory protection:** Not required (use protective gas mask for organic gases, if necessary)

8.3. **Hand protection:** Protective gloves (latex or rubber)

8.4. **Eye protection:** Safety goggles (may be required)

8.5. **Skin protection:** not required (general working clothes)

9. Physical and chemical properties:

9.1. **Appearance** Liquid **Colour** colorless **Odour:** sweet

9.2. **PH:**

9.3. **Boiling point:** N/D

9.4. **Melting point** N/A

9.5. **Flash point** -12°C (close)

9.6. **Explosion limits:** **Lower:** **Upper:**

9.7. **Relative density:** 1.1 (water =1)

9.8. **Vapour density:**

9.9. **Solubility:** soluble in all purport

9.10. **Viscosity:**

9.11. **Others:**

10. Stability and reactivity:

10.1. **Conditions to avoid:** Visible light on the liquid, keep away from source of ignition (electric discharge and smoking etc.)

10.2. **Materials to avoid:** Strong oxidizing materials

10.3. **Hazardous decomposition products:** may occur peroxide

10.4.. **Others:**

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11. Toxicological information:

11.1. Acute Toxicity:	2HEMA	L D50 =	ORAL-RAT	5050 mg/kg
	2HEMA	L D50 =	ORAL-MUS	3275 mg/kg
11.1.1. Ingestion:				
11.1.2. Inhalation:				Of the Vapour may cause headache, dizziness and vomiting
11.1.3. Skin contact:				
11.1.4. Eye contact:				Repeated contact to the mucous membrane of eyes, nose and throat cause inflammation
11.2. Chronic effects:				
11.2.1.				
11.2.2.				
11.2.3.				
11.2.4.				
11.2.5.				

12. Ecological information:

Don't discard into the drain

13. Disposal considerations:

13.1. Material:	Disposal in accordance with federal, state and local regulations
13.2. Packaging:	

14. Transport information:

UN hazard Class 3
Pack group II EN 1090 (as Acetone)

15. Regulatory information:

16. Other information:

Handling of product exclusively by dental specialists according to instructions for use

N/D: No data

N/A: Not applicable

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Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the product itself.

The contents and format of this MSDS are in accordance with EEC Commission Directive 91/155 /EEC.

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The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

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