

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:** Cera Resin Bond I
- 1.2. **Company:**
Shofu Dental GmbH
Am Brüll 17
40878 Ratingen
Phone No. 02102/8664-0 Fax-No. 02102/8664-64
- 1.3. **Emergency Phone No.**
02102/8664-0

2. Composition/information on ingredients

Compositions given are typical values, not specifications.

2.1. Ingredients	Einecs no.	% weight	Symbol	risk-phrase	CAS-No.
Ethanol		95%	F	R11	200-578-6
Maleic Anhydride					108-31-6

3. Hazard identification

- 3.1. **For the user:** Liquid and vapor contact may cause irritation to eyes, respiratory system and skin.
- 3.2. **Environmental hazard:**

4. First aid measures

- 4.1. **Inhalation:** Move to the open air.
- 4.2. **Skin contact:** Wash area with mild soap and water. Seek medical advice if necessary.
- 4.3. **Eye contact:** Flash with flowing water and consult Physician if necessary.
- 4.4. **Ingestion:** Consult physician

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5. Fire-fighting measures

5.1. Extinguisher method: Foam, CO2, Dry chemical

5.2. Not useful method:

5.3. Special equipment for fire-fighting: Wear fire protection cloth and self contained breathing apparatus, if necessary.

6. Accidental release measures

6.1. Personal precautions: Avoid eye and skin contact

6.2. Environmental precautions

6.3. Methods for cleaning up: Wipe up with wet towel.

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

7.1.1. Precautions for safe handling

7.2. Storage: Keep container tightly closed. Store in a cool and dark area.

7.2.1. Precautions for storage rooms:

7.2.2. Storage of incompatible materials:

7.2.3. Special storage conditions:

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8. Exposure controls/personal protection

8.1. Exposure controls:

8.1.1. ACGIH TLV 1900 mg/m³

8.2. Respiratory protection: Respiratory protection (mask) for organic gases.

8.3. Hand protection: Protective gloves (Latex and rubber)

8.4. Eye protection: Safety goggles

8.5. Skin protection:

9. Physical and chemical properties:

9.1. Appearance Liquid Colour colorless Odour: alcohol

9.2. PH:

9.3. Boiling point: 80 °

9.4. Melting point

9.5. Flash point

9.6. Explosion limits: Lower: Upper:

9.7. Relative density: 0,8

9.8. Vapour density:

9.9. Solubility: soluble

9.10. Viscosity:

9.11. Others:

10. Stability and reactivity:

10.1. Conditions to avoid: Keep away from sources of ignition.
No smoking

10.2. Materials to avoid: Strong oxidizing materials.

10.3. Hazardous decomposition products

10.4.. Others:

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11. Toxicological information:

11.1. Acute Toxicity:

11.1.1. Ingestion:

11.1.2. Inhalation:

11.1.3. Skin contact:

11.1.4. Eye contact:

11.2. Chronic effects:

11.2.1.

11.2.2.

11.2.3.

11.2.4.

11.2.5.

12. Ecological information:

13. Disposal considerations:

13.1. **Material:** Dispose in accordance with local, state and federal regulations.

13.2. **Packaging:**

14. Transport information:

N/A

15. Regulatory information:

Marking for dangerous preparations:

F: Highly flammable

R11, S7, S9, S16, S23, S33

16. Other information:

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

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.

Disclaimer of Liability

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.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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- 1.2. **Company:**
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Am Brüll 17
40878 Ratingen
Phone No. 02102/8664-0 Fax-No. 02102/8664-64
- 1.3. **Emergency Phone No.**
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2. Composition/information on ingredients

Compositions given are typical values, not specifications.

- | 2.1. Ingredients | Einecs no. | % weight | Symbol | risk-phrases | CAS-No. |
|-------------------------|-------------------|-----------------|---------------|---------------------|----------------|
| Acetone | | 60% | F | R11 | 67-641 |

3. Hazard identification

- 3.1. **For the user:** Liquid and vapor contact may cause irritation to eyes, respiratory system and skin.
- 3.2. **Environmental hazard:**

4. First aid measures

- 4.1. **Inhalation:** Move to the open air.
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5. Fire-fighting measures

- 5.1. **Extinguisher method:** Foam, CO2, Dry chemical
- 5.2. **Not useful method:**
- 5.3. **Special equipment for fire-fighting** Wear fire protection cloth and self contained breathing apparatus, if necessary.

6. Accidental release measures

- 6.1. **Personal precautions:** Avoid eye and skin contact
- 6.2. **Environmental precautions**
- 6.3. **Methods for cleaning up:** Wipe up with wet towel.

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
- 7.1.1. **Precautions for safe handling**
- 7.2. **Storage:** Keep container tightly closed. Store in a cool and dark area.
- 7.2.1. **Precautions for storage rooms:**
- 7.2.2. **Storage of incompatible materials:**
- 7.2.3. **Special storage conditions:**

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8. Exposure controls/personal protection

8.1. Exposure controls:

8.1.1. ACGIH TLV 1780 mg/m3

8.2. Respiratory protection: Respiratory protection (mask) for organic gases.

8.3. Hand protection: Protective gloves (Latex and rubber)

8.4. Eye protection: Safety goggles

8.5. Skin protection:

9. Physical and chemical properties:

9.1. Appearance Liquid Colour colorless Odour: alcohol

9.2. PH:

9.3. Boiling point: 80 °

9.4. Melting point

9.5. Flash point

9.6. Explosion limits: Lower: Upper:

9.7. Relative density: 0,93

9.8. Vapour density:

9.9. Solubility: soluble

9.10. Viscosity:

9.11. Others:

10. Stability and reactivity:

10.1. Conditions to avoid: Keep away from sources of ignition.
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13.1. **Material:** Dispose in accordance with local, state and federal regulations.

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