

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:** Vintage Art Paste
- 1.2. **Company:**
Shofu Dental GmbH
Am Brüll 17
D-40878 Ratingen
Phone No. +49[0]2102/8664-0 Fax-No. +49[0]2102/8664-65
info@shofu.de
- 1.3. **Emergency Phone No.** +49[0]2102/8664-25

2. Composition/information on ingredients

Compositions given are typical values, not specifications.

2.1. Ingredients	Einecs no.	% weight	Symbol	risk-phrases	CAS-No.
Ceramic glass powder and pigments		70-80			
Propylene glycol		20-30			
Ceramic glass component					
SiO ₂		44-64			
Al ₂ O ₃		6-18			
K ₂ O		2-8			
Na ₂ O		3-7			
B ₂ O ₃		8-16			
CaO		1-3			
Pigment		0-17			

No hazardous material is present in the ingredients

3. Hazard identification

- 3.1. **For the user:** At grinding and polishing work of this materials dusts may arise that are similar to nuisance dust by ACGIH.-TLV. Respirable dust may cause chronic lung injury.
- 3.2. **Environmental hazard:**

4. First aid measures

- 4.1. **Inhalation:** N / A
- 4.2. **Skin contact:** N / A
- 4.3. **Eye contact:** Flush promptly with flowing water and consult physician if necessary.
- 4.4. **Ingestion:** N / A

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5. Fire-fighting measures

5.1. Extinguisher method:

5.2. Not useful method:

5.3. Special equipment for fire-fighting:

6. Accidental release measures

6.1. Personal precautions: N / A

6.2. Environmental precautions:

6.3. Methods for cleaning up Wipe up

7. Handling and storage

7.1. **Handling:** Use in accordance with instructions. In case of grinding and polishing, wear dust mask and safety glasses and use dust respirator and local exhaust.

7.1.1. **Precautions for safe handling:**

7.2. **Storage:**

7.2.1. **Precautions for storage rooms:**

7.2.2. **Storage of incompatible materials:**

7.2.3. **Special storage conditions:** Store in a cool, dry and dark place with lid tightly closed.

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8. Exposure controls/personal protection

8.1. Exposure controls:

8.1.1. MAK:

8.2. Respiratory protection: N / A

8.3. Hand protection: N / A

8.4. Eye protection: Safety goggles may be required.

8.5. Skin protection: N / A

9. Physical and chemical properties:

9.1. **Appearance** Paste **Colour** various **Odour:** odourless

9.2. **PH:**

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

9.4. **Melting point** N / A

9.5. **Flash point** N / A

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

9.7. **Relative density:** approx. 2.1

9.8. **Vapour density:** N / A

9.9. **Solubility:** water solubility - liquid content is soluble,
solid contents are not soluble

9.10. **Viscosity:**

9.11. **Others:**

10. **Stability and reactivity:** Stable

10.1. **Conditions to avoid:**

10.2. **Materials to avoid:**

10.3. **Hazardous decomposition products:**

10.4. **Others:**

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11. Toxicological information:	N / A
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:	
	No special precautions are required.
15. Regulatory information:	
16. Other information:	
	Handling of this product exclusively by dental specialists according to instructions for use.
	N/A: Not applicable

Material Safety Data Sheet

according Directive 91/155 EEC

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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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:** Vintage Art Glazing Paste
- 1.2. **Company:**
Shofu Dental GmbH
Am Brüll 17
D-40878 Ratingen
Phone No. +49[0]2102/8664-0 Fax-No. +49[0]2102/8664-65
info@shofu.de
- 1.3. **Emergency Phone No.** +49[0]2102/8664-25

2. Composition/information on ingredients

2.1. Ingredients	Einecs no.	% weight	Symbol	risk-phrases	CAS-No.
Ceramic glass powder		70			
Propylene glycol		30			
Ceramic glass component					
SiO ₂		60			
Al ₂ O ₃		5			
K ₂ O		5			
Na ₂ O		5			
B ₂ O ₃		20			
CaO		5			
Others					

No hazardous material is present in the ingredients

3. Hazard identification

- 3.1. **For the user:** At grinding and polishing work of this materials dusts may arise that are similar to nuisance dust by ACGIH.-TLV. Respirable dust may cause chronic lung injury.
- 3.2. **Environmental hazard:**

4. First aid measures

- 4.1. **Inhalation:** N / A
- 4.2. **Skin contact:** N / A
- 4.3. **Eye contact:** Flush promptly with flowing water and consult physician if necessary.
- 4.4. **Ingestion:** N / A

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5. Fire-fighting measures

5.1. Extinguisher method: N / A

5.2. Not useful method: N / A

5.3. Special equipment for fire-fighting: N / A

6. Accidental release measures

6.1. Personal precautions: N / A

6.2. Environmental precautions:

6.3. Methods for cleaning up Wipe up

7. Handling and storage

7.1. **Handling:** Use in accordance with instructions. In case of grinding and polishing, wear dust mask and safety glasses and use dust respirator and local exhaust.

7.1.1. **Precautions for safe handling:**

7.2. **Storage:**

7.2.1. **Precautions for storage rooms:**

7.2.2. **Storage of incompatible materials:**

7.2.3. **Special storage conditions:** Store in a cool, dry and dark place with lid tightly closed.

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8. Exposure controls/personal protection

8.1. Exposure controls:

8.1.1. MAK:

8.2. Respiratory protection: N / A

8.3. Hand protection: N / A

8.4. Eye protection: Safety goggles may be required.

8.5. Skin protection: N / A

9. Physical and chemical properties:

9.1. **Appearance** Paste **Colour** colorless **Odour:** odourless

9.2. **PH:**

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

9.4. **Melting point** N / A

9.5. **Flash point** N / A

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

9.7. **Relative density:** approx. 2.1

9.8. **Vapour density:** N / A

9.9. **Solubility:** water solubility - liquid content is soluble,
solid contents are not soluble

9.10. **Viscosity:**

9.11. **Others:**

10. **Stability and reactivity:** Stable

10.1. **Conditions to avoid:**

10.2. **Materials to avoid:**

10.3. **Hazardous decomposition products:**

10.4. **Others:**

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11. Toxicological information:	N / A
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:	No special precautions are required.
15. Regulatory information:	
16. Other information:	Handling of this product exclusively by dental specialists according to instructions for use. N/A: Not applicable

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1. Identification of the substance/preparation and company

- 1.1. **Product Name:** Vintage Art Stain Liquid
- 1.2. **Company:**
Shofu Dental GmbH
Am Brüll 17
D-40878 Ratingen
Phone No. +49[0]2102/8664-0 Fax-No. +49[0]2102/8664-65
info@shofu.de
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2. Composition/information on ingredients

2.1. Ingredients	Einecs no.	% weight	Symbol	risk-phrases	CAS-No.
Propylene glycol		99			
Others					

3. Hazard identification

- 3.1. **For the user:** Eyes and skin contact may cause irritation.
- 3.2. **Environmental hazard:**

4. First aid measures

- 4.1. **Inhalation:** N / A
- 4.2. **Skin contact:** Wash with water and soap.
- 4.3. **Eye contact:** Flush promptly with plenty of water and consult physician if necessary.
- 4.4. **Ingestion:** Seek medical advice if necessary.

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5. Fire-fighting measures

- | | | |
|------|---|---|
| 5.1. | Extinguisher method: | Dry chemical, Foam, CO ₂ |
| 5.2. | Not useful method: | N / A |
| 5.3. | Special exposure hazards arising: | 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 contact with eyes and skin. |
| 6.2. | Environmental precautions: | |
| 6.3. | Methods for cleaning up | Wipe up and discard in a suitable container. |

7. Handling and storage

- | | | |
|--------|---|--|
| 7.1. | Handling: | Handle in a well ventilated place. |
| 7.1.1. | Precautions for safe handling: | |
| 7.2. | Storage: | |
| 7.2.1. | Precautions for storage rooms: | |
| 7.2.2. | Storage of incompatible materials: | |
| 7.2.3. | Special storage conditions: | Store under normal dry conditions. Keep containers tightly closed. |

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8. Exposure controls/personal protection

8.1.	Exposure controls:	Chemical name	CAS No.	ACGIH TLV
8.1.1.	MAK:	Propylene glycol	57-55-6	N / A
8.2.	Respiratory protection:		Local exhaust	
8.3.	Hand protection:		Latex or rubber gloves	
8.4.	Eye protection:		Safety goggles may be required.	
8.5.	Skin protection:		Not required (observe normal care when working with Chemicals)	

9. Physical and chemical properties:

9.1.	Appearance	Viscous Liquid	Colour	colorless	Odour:	odourless
9.2.	PH:					
9.3.	Boiling point:		>180°C			
9.4.	Melting point		N / A			
9.5.	Flash point		109°C			
9.6.	Explosion limits:		Lower:		Upper:	
9.7.	Relative density:		1.03			
9.8.	Vapour density:		N / A			
9.9.	Solubility:		water solubility - soluble			
9.10.	Viscosity:					
9.11.	Others:					

10. Stability and reactivity:

10.1.	Conditions to avoid:	Avoid contact with strong oxidants.
10.2.	Materials to avoid:	Keep away from direct sunlight and sources of ignition (electric discharge and smoking etc.).
10.3.	Hazardous decomposition products:	Glycerol decomposes on heat producing corrosive fumes of acrolein.
10.4.	Others:	

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11. Toxicological information:	N / A
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:	No special precautions are required.
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