



# SAFETY DATA SHEET

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VINTAGE Art Universal  
YAMAMOTO LIQUID

Printing date: November 13, 2024

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

- 1.1 Product identifier  
Trade Name:  
**VINTAGE Art Universal "YAMAMOTO LIQUID"**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
Relevant identified uses: Dental material  
Uses advised against: No further data
- 1.3 Details of the supplier of the safety data sheet  
Company/Undertaking identification  
Manufacturer's Name: SHOFU DENTAL GmbH  
Address: An der Pönt 70, 40885 Ratingen, Germany  
Phone: +49 (0) 2102-8664-0  
Fax: +49 (0) 2102-8664-64  
E-Mail: info@shofu.de  
Section in Charge: Quality Management & Regulatory Affairs
- 1.4 Emergency Telephone Number  
+49-2102-8664-53 (SHOFU DENTAL GmbH) 24 hours / 7 days

## SECTION 2. Hazards identification

- 2.1 Classification of the substance or mixture  
CLASSIFICATION (EC 1272/2008)
- |              |      |                                   |
|--------------|------|-----------------------------------|
| Acute Tox. 4 | H302 | Harmful if swallowed.             |
| Eye Dam. 1   | H318 | Causes serious eye damage.        |
| STOT SE 3    | H335 | May cause respiratory irritation. |

- 2.2 Label elements  
LABEL IN ACCORDANCE WITH (EC) NO.1272/2008:



GHS05



GHS07

SIGNAL WORD:

Danger

HAZARD-DETERMINING COMPONENTS OF LABELLING:

2-Phenoxyethanol

HAZARD STATEMENTS:

- H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

PRECAUTIONARY STATEMENTS:

- P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash hands thoroughly after handling.

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- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P312  
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P304+P340  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER/doctor if you feel unwell.

## 2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

## SECTION 3. Composition/information on ingredients

3.1 Chemical characterization: Mixtures

3.2 Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
Cas: 122-99-6	2-Phenoxyethanol	50-90 %
EINECS: 204-589-7	Acute Tox. 4, H302; Eye Dam. 1, H318 STOT SE 3, H335	
Others:		

1,3-Butanediol [Cas No.107-88-0, EINECS 203-529-7]

3.3 Additional information: For the wording of the listed risk phrases refer to section 2

## SECTION 4. First-aid measures

4.1 Description of first aid measures

Eye contact: Rinse cautiously with water for several minutes. Get immediate medical advice/attention.

Skin contact: Wash immediately with soap and plenty of water. If on skin, skin irritation, get medical advice/attention.

Ingestion: Rinse mouth and seek medical advice if necessary.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5. Fire-fighting measures

5.1 Extinguishing Media:

Water, Foam, CO<sub>2</sub>, Powder, Dry sand

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- 5.2 Special hazards arising from the substance or mixture:  
If not dangerous, the container is moved from the fire district.  
Fire fighting operation should be done from upwind position, with wearing protective equipment.
- 5.3 Advice for firefighters:  
Wear fire protective cloth and self-contained breathing apparatus, if necessary.

## SECTION 6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:  
Worker wears an appropriate protection tool.
- 6.2 Environmental Precautions:  
It is exhausted to the river etc., and it is noted to the environment not to cause the influence.
- 6.3 Methods and material for containment and cleaning Up:  
Wipe up and discard in a stable container.
- 6.4 Reference to other section:  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7. Handling and storage

- 7.1 Precautions for safe handling:  
Wear appropriate protective equipment such as protective eyeglasses and protective gloves.
- 7.2 Conditions for safe storage, including any incompatibilities:  
Avoid direct sunlight and high temperature, sealed and stored in well-ventilated place.
- 7.3 Specific end use(s):  
No further relevant information available.

## SECTION 8. Exposure controls/personal protection

- 8.1 Control parameters:  
Ingredients with limit values that require monitoring at the workplace:  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- 8.2 Exposure controls:  
Respiratory Protection:  
Dust mask
- Skin Protection: Hand Protection  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

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- Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber, BR  
Nitrile rubber, NBR

Eye Protection: Safety goggles

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

Appearance/Odor/Colour:	Colorless transparent liquid.
Odour threshold:	Not determined.
pH:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point:	Not determined.
Flash point:	122.5 °C (closed)
Evaporation rate:	Not determined.
Flammability (solid, gas):	Not applicable.
Upper/lower flammability or explosive limits:	Not determined.
Vapour pressure:	Not determined.
Vapour density:	Not determined.
Relative density:	≈ 1 (water=1)
Solubility: water solubility	Soluble
Partition coefficient (n-octanol/water):	Not determined.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Viscosity:	Not determined.
Explosive properties:	Not applicable.
Oxidising properties:	Not applicable.

### 9.2 Other information:

No further relevant information available.

## SECTION 10. Stability and reactivity

### 10.1 Reactivity:

No further relevant information available.

### 10.2 Chemical stability:

Stable under normal temperatures and pressures.

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- 10.3 Possibility of hazardous reactions:  
No dangerous reactions known.
- 10.4 Condition to Avoid:  
No further relevant information available.
- 10.5 Incompatible materials:  
No further relevant information available.
- 10.6 Hazardous Decomposition Products:  
None under normal conditions of storage and use.

## SECTION 11. Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:
- Acute toxicity: Acute Tox. 4; H302 Harmful if swallowed.  
2-Phenoxyethanol;  
Oral rat LD50: 2937 mg/kg  
Dermal rabbit LD50: 2257 mL/kg
- 1,3-Butanediol; Oral rat LD50: 18610 mg/kg  
Dermal rabbit LD50: > 20 g/kg
- Skin corrosion/irritation: Based on available data, the classification criteria are not met.
- Eye damage/irritation: Eye Dam. 1; H318 Causes serious eye damage.
- Sensitization to the respiratory tract:  
Based on available data, the classification criteria are not met.
- Skin sensitization: Based on available data, the classification criteria are not met.
- Germ cell mutagenicity/Genotoxicity:  
Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure):  
STOT SE 3; H335 May cause respiratory irritation.
- Specific target organ toxicity (repeated exposure):  
Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.
- 11.2 Information on other hazards:  
No further relevant information available.

## SECTION 12. Ecological information

- 12.1 Toxicity:  
No further relevant information available.
- 12.2 Persistence and degradability:  
No further relevant information available.
- 12.3 Bioaccumulative potential:  
No further relevant information available.
- 12.4 Mobility in soil:  
No further relevant information available.

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## 12.5 Results of PBT and vPvB assessment:

Not applicable.

## 12.6 Endocrine disrupting properties:

This product does not contain any known or suspected endocrine disruptors.

## 12.7 Other adverse effects:

No further relevant information available.

## SECTION 13. Disposal considerations

### 13.1 Waste treatment methods:

Dispose of contents/container to in accordance with local/regional/national/international regulations.

## SECTION 14. Transport information

### 14.1 UN number or ID number:

Void

### 14.2 UN proper shipping name:

Void

### 14.3 Transport hazard class (es):

Void

### 14.4 Packing group:

Void

### 14.5 Environmental hazards:

No further relevant information available.

### 14.6 Special precautions for user:

Not applicable.

### 14.7 Maritime transport in bulk according to IMO instruments:

Not applicable.

## SECTION 15. Regulatory information

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

- EU REGULATIONS: See Section 2
- Other regulations, limitations and prohibitive regulations:

The product is a medical device according to the EC-directive 93/42/EEC.

### 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## SECTION 16. Other information

This product is intended for use by dental professionals (instrument/material).

### Relevant phrases:

- H302 Harmful if swallowed.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.

### Abbreviations and acronyms:

- EINECS: European Inventory of Existing Commercial Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative