



SAFETY DATA SHEET

page 1/6
VINTAGE Art Universal
YAMAMOTO LIQUID
Printing date: June 26, 2019

SECTION 1. Identification of the substance or mixture and of the supplier

- 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 INC.**
Address: 11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605-0983, JAPAN
Phone: +81-75-561-1112
Fax: +81-75-275-4795
Section in Charge: Quality Assurance Section
- 1.4 Emergency Telephone Number
+81-75-561-1112

SECTION 2. Hazards identification

- 2.1 GHS Classification
- | | |
|---|-------------------------------|
| PHYSICAL HAZARDS | |
| FLAMMABLE LIQUIDS | Not Classified |
| HEALTH HAZARDS | |
| EYE DAMAGE/IRRITATION | Category 2A |
| SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE) | Category 3 (narcotic effects) |

The thing without mention is out of a classification object. Or cannot classify it.

- 2.2 Label elements
SYMBOL



GHS07

SIGNAL WORD Warning

HAZARD STATEMENTS

Causes serious eye irritation
May cause drowsiness or dizziness

PRECAUTIONARY STATEMENTS

[Prevention]
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.



SAFETY DATA SHEET

page 2/6
VINTAGE Art Universal
YAMAMOTO LIQUID
Printing date: June 26, 2019

Wear protective gloves/protective clothing/eye protection/face protection.

[Response]

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

[Storage]

Protect from sunlight. Store in a well-ventilated place.

[Disposal]

Dispose of contents and container in accordance with regulation.

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: -

3.3 Dangerous components:

2-Phenoxyethanol [Cas No.122-99-6] 50-90 %

1,3-Butanediol [Cas No.107-88-0]

3.4 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, CO₂, Powder, Dry sand

5.2 Special hazards arising from the substance or mixture:

If it is not dangerous, the container is moved from the fire district.

Fire fighting operation should be done from upwind position, with wearing protective equipment.



SAFETY DATA SHEET

page 3/6
VINTAGE Art Universal
YAMAMOTO LIQUID
Printing date: June 26, 2019

- 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:
- 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.
- 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.



SAFETY DATA SHEET

page 4/6
VINTAGE Art Universal
YAMAMOTO LIQUID
Printing date: June 26, 2019

- 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
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.

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.



SAFETY DATA SHEET

page 5/6
VINTAGE Art Universal
YAMAMOTO LIQUID
Printing date: June 26, 2019

SECTION 11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity: 2-Phenoxyethanol;
Oral rat LD50: 2937 mg/kg
Dermal rabbit LD50: 2257 mL/kg
1,3-Butanediol; Oral rat LD50: 18610 mg/kg
Oral mouse LD50: 12980 mg/kg
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Eye damage/irritation: Eye Irrit. 2A; H319 Causes serious eye irritation.
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; H336 May cause drowsiness or dizziness.
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.

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.
12.5 Results of PBT and vPvB assessment:
Not applicable.
12.6 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: Void
14.2 UN proper shipping name: Void
14.3 Transport hazard class(es): Void



SAFETY DATA SHEET

page 6/6
VINTAGE Art Universal
YAMAMOTO LIQUID
Printing date: June 26, 2019

- 14.4 Packing group: Void
14.5 Environmental hazards: No further relevant information available.
14.6 Special precautions for user: Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

SECTION 15. Regulatory informati

Follow all regulations in your country.

SECTION 16. Other information

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

NFPA ratings for USA (scale 0-4)

2-Phenoxyethanol;



Heaith = 3
Fire = 1
Reactivity = 0

HMIS-Ratings (Scale 0-4)

2-Phenoxyethanol;

Health Hazard	3
Fire Hazard	1
Reactivity	0

Heaith = 3
Fire = 1
Reactivity = 0

Relevant phrases:

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Abbreviations and acronyms:

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