



SAFETY DATA SHEET

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

1.1 Product identifier

Trade Name:

LAB SILICONE "CATALYST"

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

HEALTH HAZARDS

ACUTE TOXICITY-ORAL	Not Classified
ACUTE TOXICITY-DERMAL	Not Classified
ACUTE TOXICITY-INHALATION(VAPOURS)	Not Classified
ACUTE TOXICITY-INHALATION(DUST, MIST)	Not Classified
SKIN CORROSION/IRRITATION	Category 2
EYE DAMAGE/IRRITATION	Category 2A
CARCINOGENICITY	Category 1A
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)	Category 1 (blood system)
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Category 2 (testicles, respiratory system, liver, kidneys)

ENVIRONMENTAL HAZARDS

HAZARDOUS TO THE AQUATIC ENVIRONMENT-ACUTE HAZARD	Not Classified
HAZARDOUS TO THE AQUATIC ENVIRONMENT-CHRONIC HAZARD	Not Classified
HAZARDOUS TO THE OZONE LAYER	Not Classified

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



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2.2 Label elements

SYMBOL



GHS07 GHS08

SIGNAL WORD Danger

HAZARD STATEMENTS

- Causes skin irritation
- Causes serious eye irritation
- May cause cancer
- Causes damage to organs (blood system)
- May cause damage to organs through prolonged or repeated exposure (testicles, respiratory system, liver, kidneys)

PRECAUTIONARY STATEMENTS

[Prevention]

Do not handle until all safety precautions have been read and understood.

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

Do not breathe dust/fume/gas/mist/vapours/spray.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

[Response]

IF ON SKIN: Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

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]

Store in a dark and cool place indoors, with containers tightly closed.

[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: Mixture of substances listed below with nonhazardous additions.

3.3 Dangerous components: Void

Organotin compound [Cas No.70750-24-2] 10-20 %

Silicon dioxide 10-20 %

Coloration materials

Others

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



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SECTION 4. First-aid measures

- 4.1 Description of first aid measures
- Eye contact: Rinse thoroughly with water for at least 15 minutes. Get medical attention.
- Skin contact: Wash immediately with soap and plenty of water. If on skin, skin irritation, get medical advice/attention.
- Ingestion: If swallowed, do not induce vomiting. Drink a glass of water. When not conscious should not drink anything. Get medical attention if feel uncomfortable.
- Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptom concerning breath goes out, call a POISON CENTER or doctor.
- 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:
Foam, CO₂, Powder, Dry sand
- 5.2 Special hazards arising from the substance or mixture:
In case of fire, irritation gases and fumes may emit.
- 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:
Avoid contact with eyes and skin.
- 6.2 Environmental Precautions:
Attention should be taken for the spillage not to flow into sewages, drains, and low ground.
- 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:
Avoid contact with skin and eyes. Avoid any source of ignition.
- 7.2 Conditions for safe storage, including any incompatibilities:
Store in a dark, cool place indoors, with containers tightly closed.
- 7.3 Specific end use(s):
No further relevant information available.

SECTION 8. Exposure controls/personal protection

- 8.1 Control parameters:
- | | | | |
|-----------------|------------------|-----------|-----------------------|
| Exposure limits | Silicon dioxide; | OSHA PEL | 10 mg/m ³ |
| | | ACGIH TLV | 0.1 mg/m ³ |



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Tin; ACGIH TLV-TWA 2 mg/m³

8.2 Exposure controls:

Respiratory Protection:

Dust mask

Skin Protection: Hand Protection

Protective gloves

Eye Protection: Safety goggles

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance/Odor/Colour:	Blue paste
Odour threshold	Not determined.
pH	Not determined.
Melting point/freezing point	Not determined.
Boiling Point:	Not determined.
Flash point:	44 °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:	Not determined.
Solubility: water solubility	Insoluble
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition temperature	> 400°C
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:

By contact of strong acid, the strong alkali, polymerization or the resolution happens. This material contains Methylpolysiloxanes which can generate formaldehyde In approximately 150 degrees Celsius or more, In the atmosphere including oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant.

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:

Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight.

10.5 Incompatible materials:

Strong acid, Strong alkali



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10.6 Hazardous Decomposition Products:
None under normal conditions of storage and use.

SECTION 11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Skin Irrit 2 ; H315 Causes skin irritation.

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: Carc. 1A; H350 May cause cancer.
Silicon dioxide; IARC group 1

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 1; H370 Causes damage to organs. (blood system)

Specific target organ toxicity (repeated exposure):
STOT RE 2; H373 May cause damage to organs through prolonged or repeated exposure. (testicles, respiratory system, liver, kidneys)

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



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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 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)

Relevant phrases:

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H370 Causes damage to organs. (blood system)
- H373 May cause damage to organs through prolonged or repeated exposure. (testicles, respiratory system, liver, kidneys)

Abbreviations and acronyms:

- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative