

YAMAHACHI DENTAL MFG., Co.
Material Safety Data Sheet

1. Names of Material, and Company

Trade name:	GLOSSY COAT COLOR
Manufacture/supplier:	YAMAHACHI DENTAL MFG., Co.
Address:	54-1 Ochigara Nishiura-cho Gamagori-city Aichi Pref., Japan
Information sector:	Quality Assurance Department
Phone number:	++81-533-57-7121,8519
Fax number:	++81-533-57-1764
Preparation:	01/Jun./2022
Revision:	

2. Hazards identification

GHS label elements

Hazard pictograms:



Signal word :

Hazard statements :

Danger
Highly flammable liquid and vapor.
Causes skin irritation.
May cause an allergic skin reaction.
May cause respiratory irritation.

Designation of risk:

Harmfulness:

Flammable liquid
When inhaling it in large quantities, there can be the thing that dizziness or suffocation are caused. Stimulating a mucous membrane such as a nose and a throat. When touching eyes or skin, it was stimulated, and a medicine wound is caused.

Environmental sanitation:

none

3. Composition/Details on Components

Component:	Content:	Formula:	CAS No.:
Methylmethacrylate	30-70%	$\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_3$	80-62-6
Acrylate-based monomer	30-70%	----	----
Silicon dioxide	< 10%	SiO_2	7631-86-9
Polymerization initiator (A)	< 10%	----	----
Polymerization initiator (B)	< 5%	----	----
Polymerization inhibitor	< 5%	----	----
antifoam agent	< 5%	----	----
Pigment	< 0.5%	----	----

4. First-Aid-Measures

after eye contact:	Rinse thoroughly water and contact a doctor.
after skin contact:	If there is something disorder, contact a doctor.
after swallowing:	Contact a doctor immediately.

5. Fire Fighting Measures

Fire fighting methods: water, foam, carbon dioxide gas, powder fire extinguisher

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6. Measures in Case of Unintended Release

Collecting it to let a paper or a towel absorb it.

7. Handling and Storage

7.1 handling:

Only by qualified staff in dental office or dental laboratories.

7.2 Storage:

Do not store in the direct Sun.

Store in good ventilated rooms and areas.

Do not keep it in a place the same as an organic peroxide.

8. Personal Protective Equipment

protect equipment:

Use of protection gloves is recommended.

Use of protection glasses is recommended.

Use of protection mask is recommended.

Use of dental working clothes.

9. Physical and Chemical Properties

Appearance:

liquid

Color:

clear, or light brown

Odor:

strong odor

Melting point:

no data available

Boiling point:

no data available

Flash point:

41°C

Vapour pressure:

no data available

Volatility:

yes

Specific gravity:

0.94

solubility in water:

not soluble

10. Stability and Reactivity

Stability:

Stable at the normal handling.

Possibility of hazardous reactions:

The substance polymerizes due to heating, light, polymerization catalysts and strong oxidants, causing fire and explosion hazard. Reacts with oxidants, peroxides, strong acids and strong bases.

Conditions to avoid:

High temperature, light, contact with mixed dangerous substances.

Mixed dangerous substances:

Oxidizing agents, peroxides, strong acids, strong alkalis.

Hazardous decomposition products:

Combustion produces carbon monoxide, carbon dioxide, and the like.

11. Toxicological Data

(Assuming 100% MMA)

Stimulation:

This steam stimulates eyes and a respiratory tract.

Eyes and skin have stimulation when they come in contact with liquid.

Acute toxicity:

Mouth rat LD50 7900mg/Kg

Skin rabbit LD50 5000mg/Kg

Inhalation rat TC50 7093ppm

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other information:

None

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12. Ecological Data

Accumulation: no data available
Fish-toxicity: Daphnia magna LC50 = 69mg/L

13. Disposal Instructions

Product: general flammable liquid
Recommendations: obey local and governmental regulations

14. Particulars on Transport

Particulars: Do not fall, damage.
Obey attention of the general flammable liquid.
See storage.

UN No.: 1866 (Resin Solution flammable)

Class or Division: 3

Packing Group: III

MARINE POLLUTANT: Not applicable

15. Regulation

regulation: obey local and governmental regulations

16. Other Particulars

All information above has been given according to our present state of knowledge. It has been compiled to the best of our knowledge. The above-mentioned data do not represent a guarantee on characteristics. They only describe the safety requirements with regard to our products. They do not represent an assurance of product characteristics in the meaning of guarantees.