

YAMAHACHI DENTAL MFG., Co.  
Material Safety Data Sheet

1.Names of Material, and Company

Trade name: Re-fine Bright Powder  
 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/May/2007  
 Revision: 01/Nov/2022 (Ver.5)

2.Composition/Details on Components

Component:	Content:	Formula:	CAS No.:
Poly(methylmethacrylate)plastics	>90%	$(CH_2=C(CH_3)COOCH_3)_n$	9011-14-7
Titanium dioxide	<1%	TiO <sub>2</sub>	13463-67-7
Ferric Oxide	<1%	Fe <sub>2</sub> O <sub>3</sub>	1309-37-1
Carbon black	<0.1%	----	1333-86-4
Rayon fiber	<0.5%	----	----
Polymelization initiator	<2%	----	----

3.Possible Risk

Designation of risk: none  
 Harmfulness: none  
 Environmental sanitation: none

4.First-Aid-Measures

after eye contact: Rinse thoroughly water and contact a doctor.  
 after skin contact: If there is somethin disorder, contact a doctor.  
 after swallowing: Vomit and contact a doctor.

5.Fire Fighting Measures

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

6.Measures in Case of Unintended Release

Collect it promptly.

7.Handing and Storage

7.1 handling: Only by qualified staff in dental office or dental laboratories.  
 Do not store in the direct Sun.  
 7.2 Storage: Store in good ventilated rooms and areas

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.

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9. Physical and Chemical Properties

Appearance:	Solid, powder
Color:	Pink, Ivory
Odor:	none
Melting point:	no data available
Boiling point:	none
Vapour pressure:	none
Volatility:	none
Specific gravity:	no data available
solubility in water:	not soluble

10. Stability and Reactivity

The flash point:	no data available
Explosion limits:	none
Ignition point:	no data available
Decomposition temperature:	no data available
Combustibility:	yes
Ignitability:	none
Oxidization:	none
Explosiveness on hazard:	none
Stability:	stable at the room temperature

11. Toxicological Data

Acute toxicity:	no data available
Stimulation:	no data available
	especially it is no a problem in a swallowing.
other information:	none

12. Ecological Data

Degradability:	no data available
Accumulation:	no data available
Fish-toxicity:	no data available

13. Disposal Instructions

Product:	general resin polymer
Recommendations:	obey local and governmental regulations

14. Particulars on Transport

Particulars:	Do not fall, damage. See storage.
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15. Regulation

regulation:	obey local and governmental regulations
UN No.:	Not applicable
Class or Division:	Not applicable
Packing Group:	Not applicable
MARINE POLLUTANT:	Not applicable

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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.