

YAMAHACHI DENTAL MFG., Co.  
Material Safety Data Sheet

1. Names of Material, and Company

Trade name:	<b>PMMA DISK</b>
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:	01/05/2011
Revision:	

2. Composition/Details on Components

Component:	Content:	Formula:	CAS No.
Poly(methylmethacrylate)plastics	100%	(CH <sub>2</sub> =C(CH <sub>3</sub> )COOCH <sub>3</sub> ) <sub>n</sub>	9011-14-7
Carbon black	slight quantity	C	1333-86-4
Ferric Oxide	slight quantity	Fe <sub>2</sub> O <sub>3</sub>	1309-37-1
Titanium dioxide	slight quantity	TiO <sub>2</sub>	13463-67-7

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 something 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
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6. Measures in Case of Unintended Release

Collect it promptly.

7. Handling 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
Color:	milky white / Clear
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:	We are selling the acrylic resin teeth that used the same raw material (PMMA) for 20 years or more. But, we have not received the biological problem.

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.
UN No.:	None
Class or Division:	None
MARINE POLLUTANT:	Not applicable

15. Regulation

regulation:	None
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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.