

YAMAHACHI DENTAL MFG., Co.
Material Safety Data Sheet

1. Names of Material, and Company

Trade name:	PARAFFIN WAX
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:	13/01/2006
Revision:	01/Feb/2016 (Ver.5)

2. Composition/Details on Components

Component:	Content:	Formula:	CAS No.:
Paraffin wax	80-85%	C _n H _{2n+2}	8002-74-2
Micro Crystalline Wax	10-15%	----	-----
Polybutene	0-5%	----	9003-28-5
Pigment	slight quantity	----	-----

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.
7.2 Storage:	Do not store in the direct Sun. 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:	red or pink
Odor:	none
Melting point:	70-90°C
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:	Over 350°C
Explosion limits:	none
Ignition point:	about 320°C
Decomposition temperature:	no data available
Combustibility:	yes
Ignitability:	none
Oxidization:	none
Explosiveness on hazard:	none
Stability:	stable at the room temperature

11. Toxicological Data

Skin corrosiveness:	no data available
Irritation:	no data available
Sensitisation:	no data available
Acute toxicity:	no data available
Subacute toxicity:	no data available
Chronic toxicity:	no data available
Tumorigenesis:	no data available
Mutagenicity:	no data available
Toxic to reproduction:	no data available
Teratogenicity:	no data available

other information: These information is nothing. But, wax is used for a long time as a material of the food wrapping container. Wax has suited FDA 172.886 and 178.371. (P.Shubik etal: Toxicol Appl, Pharmacol., Suppl , 4, 62(1962)) So, it is thought that wax plates are contain no harmful substance & safely use in the mouth.

12. Ecological Data

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

13. Disposal Instructions

Product:	general wax
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

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15. Regulation

regulation: none

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.