Modelling wax
Yes, hard as it might be to believe, the SPI Dental Wax is also used worldwide for making complex shapes and it can be easily formed using the fingers of the two hands. After one has made the desired shape, it is further contoured and smoothed by rubbing (with a bit of water). Generally speaking, one need not employ release agents, as the typical polymers used will not adhere or stick to the SPI wax. The wax can be recycled and used over again, so one initial purchased can last the busy craftsman for some considerable period of time.

We manufacture modeling waxes that **soften at 50-55 °C** and mainly used for establishing the initial arch form in the construction of complete / partial dentures. We supply these modeling wax in the sheet form of 1.2 mm. thickness. Our modeling wax are very easy for setting of teeth. Our Y-DENTS wax is also available in tropical & hard grade. The wax is available pack sizes of 226gms (12 sheets).

Section 2 Composition

Component Name	CAS #	OSHA	OSHA	ACGIH	ACGIH
No hazardous ingredients					

NFPA Rating: Not known

Section 3: Hazard Identification

Physical/chemical hazards: Not applicable

Human health hazards: Heated material may cause burns to unprotected skin. Heated material may release volatile ingredients and cause irritation and burns to unprotected eyes.

Environmental hazards: Not applicable

Section 4: First Aid Measures

Effects and Symptoms:

Inhalation: Slightly hazardous in case of inhalation
Ingestion: Slightly hazardous in case of ingestion
Skin contact: Heated material may cause burns to unprotected skin
Eye contact: Heated material may release volatile ingredients and cause irritation and burns to unprotected eyes.

First Air measures:

Inhalation: Allow the victim to rest in a well ventilated area. Seek medical attention if irritation persists.
Ingestion: If large quantities are swallowed, wash out mouth and call physician.
Skin contact: Warm water must be used.
Eye contact: Flush eyes with plenty of water for 15 minutes, occasionally lifting upper and lower eyelids. WARM water MUST be used.

Section 5: Fire Fighting Measures

NFPA Rating: Not known

Extinguishing Media

Suitable/Not suitable: SMALL FIRE: Use DRY chemical powder
LARGE FIRE: Use extinguishing media suitable for the surrounding materials.

Special firefighting procedures: No special measures required Unusual

Fire/Explosion Hazards: None

Hazardous thermal decomposition products: No dangerous substances are released.

Protection of fire fighters: No special measures are required.

Section 6: Accidental Release Measures

Personal precautions: No special precautions

Environmental Precautions and Clean Up Methods: No special precautions

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Section 7: Handling and Storage

Handling: Heated material may release volatile ingredients and cause irritation and burns to unprotected eyes.

Storage: No special precautions

Section 8: Exposure Controls and Personal Protection

Engineering controls: Ventilation is normally required when handling or using this product.

Personal Protective Equipment

Respiratory system: Provide adequate ventilation
Skin and body: Laboratory coat
Hands: No special protective clothing is required
Eyes: Safety glasses at all times

Section 9: Physical and Chemical Properties

Physical State and Appearance: Waxy solid
Color: Pink to red
Odor: Pleasant and characteristic
Boiling Point/Range: > 250°C (482° F)
Melting Point: 58°C (136.4°F)
Density: 0.85 (water = 1)
Solubility: Very slightly soluble in methanol, insoluble in cold water, hot water
Octanol/water partition coefficient: No available
pH: Not applicable
Flash Point: >250°C (482°F) Open Cup method

Flammability: Flammable in presence of open flames and sparks. Slightly flammable to flammable in presence of heat.
Autoignition temperature: > 350°C (662°F)
Explosion properties: Non-explosive in presence of open flames and sparks, of shocks.

Section 10: Stability and Reactivity

Chemical Stability: The product is stable

Conditions to Avoid: None

Incompatibility with: None known

Hazardous Products of Deposition: Not expected to form hazardous materials.

Reactions with Air and Water: Does not react with air, water or other common materials.

Section 11: Toxicological Information

Summary: Not considered to be toxic to humans or animals.

Skin Effects: Non-irritant for skin.

Eye Irritation: Non-irritating to the eyes

Sensitization: Non-sensitizer for skin

Chronic toxicity: There is no known effect from the chronic exposure to this product.

Section 12: Ecological Information

Exotoxicity: Exotoxicity is expected to be low based on the low water to nearly zero solubility of these waxes in water.

Environmental Fate: No information found in our selected references.

Bioaccumulation: Not expected to occur.

Section 13: Disposal Considerations

This material is NOT classified as a hazardous material by RCRA. Use only licensed transporters and permitted disposal facilities and conform to all laws.

Recycle to process, if possible.

Germany water class: VCI WGK: No products were found.

Methods of disposal; waste of residues; contaminated packaging:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

Proper Shipping Name: Non-Regulated, No dangerous cargo

DOT Hazard Class: Non-Regulated, No dangerous cargo

UN/NA ID: Not Regulated, No dangerous cargo

Packing Group: Not Applicable

Labels: Not Regulated

Marine Pollutant: No

NAER Guidebook: Not Regulated

DOT Status: Not Regulated

Land-Road/Railway:
ADR/RID Class: No dangerous cargo

Sea:
IMDG Class: No dangerous cargo

Air:
IATA-DGR Class: No dangerous cargo

Section 15: Regulatory Information

TSCA:

All components of this product are listed on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) Export Notification Rule, they will be listed below.

TSCA 12(b) Component	Listed under TSCA Section

SARA-Section 313 Emissions Reporting:

Component	Reporting Threshold

SARA-Section 311/312:

No components present in this product are subject to the reporting requirements of this statute.

CERCLA Hazardous Substances and their Reportable Quantities:

Component	Reportable Quantity

EU Regulations:
Risk Phrases: This product is not classified according to the EU regulations.
Safety Phrases: Not applicable
Contains: Not applicable

California Prop. 65:

Proposition 65 requires manufacturers or distributors of consumer products into the State of California to provide a warning statement if the product contains ingredients for which the State has found to cause cancer, birth defects or other reproductive harm. If this product contains an ingredient

listed by the State of California to cause cancer or reproductive toxicity, it will be listed below:

Section 16: Other Information

This MSDS sheet is based in large part on the information contained in the manufacturer's MSDS information dated Jan. 21, 1999, Version 2.

Disclaimer of Liability:

The information and recommendations set forth above are taken from sources believed to be accurate as of the date hereof, however SPI Supplies and Structure Probe, Inc. make no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assume no liability to any user thereof. The information contained in this sheet does not constitute a hazard assessment and should not be used in place of the user's own assessment of work place risks as required by other health and safety legislation.

Modelling Waxes

Great value modelling waxes

Metrowax No1: Our highest melting point wax. Unyielding at low temperatures. Suitable for warmer climates. Especially good for carving. Colour Pink.

Metrowax No2: Metrodent's most popular modelling wax. Easy to carve. Suitable for a variety of situations. Colour Pink.

Metrowax No4: Similar to No2 but has a richer rose pink appearance. Colour Deep Pink.

Metrowax No6: Easy to work with without being greasy and when flamed yields a smooth surface. Colour Pink.

Metromorphic: Blend of natural and synthetic waxes. Colour Pale Pink.

College: Collegewax, economical modelling wax suitable for dental schools and colleges. "Collegewax" is made from end of production runs of various types of modelling waxes. Colour and physical properties may vary.