

n.a. = not applicable, n.k = not known

**1. Identification of the substance / preparation and of the company / undertakings****Product Details:**

Trade Name: Orthodontic Tray Wax Sticks

**Manufacturer:****Coltène/Whaledent Inc.**

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**Emergency Contact Numbers:**

USA &amp; Canada: 1 800 535 5053

Main Phone Number: +1 330 916 8800

**2. Composition / information on ingredients****Chemical characterization:** Dental Wax

Hazardous components:

None

WT %

R &amp; S Phrases

Non-hazardous components (&gt;10%)

Petroleum Hydrocarbons &amp; Additives

&gt;50%

n.a.

**3. Hazard identification**

Hazard Designation: Non-Hazardous at room temperature. Above its melting point, wax becomes a liquid and flows more readily as its temperature increases. If material is used as a hot liquid, it requires special handling. At temperatures significantly above its melting point, hydrocarbon vapors are given off which should be handled with adequate ventilation. Can cause eye, skin and respiratory irritation when heated significantly above its melting point.

Information pertaining to particular dangers for man and environment: None

Classification is in line with BC directive 1999/45/EC: Yes

**4. First-aid measures**

General Information:

After inhalation:

After skin contact:

After eye contact:

After swallowing:

Not a hazardous material at room temperature. If exposed to melted wax, see below.

Remove individual to a well-ventilated area for fresh air, and call a physician if symptoms persist.

Exposure to fumes vapor and smoke from thermal degradation can cause irritation.

Exposure to molten material can cause burns. Run exposed area under water for 15

minutes, then contact a physician. Do not attempt to remove material bonded to skin.

Exposure to fumes vapor and smoke from thermal degradation can cause irritation. Direct

contact with molten material will cause eye injury. Flush eyes with copious amounts of

water for 15 minutes, administer first aid, and call a physician.

Material is not generally toxic by ingestion.

**5. Fire-fighting measures****Flammability: Non-Flammable**

Extinguishing media:

Unsuitable extinguishing media:

Protective Equipment:

**Flash Point: n.a. LEL: n.a. UEL: n.a**

Carbon dioxide, Foam and dry chemicals

Do not use direct water stream.

n.a.

**6. Accidental release measures**

Personal precautions:

Environmental precautions:

Method for clean up:

No smoking.

Observe local by-laws

Handle as a thermoplastic. Allow molten material to cool and solidify before handling.

**7. Handling and storage**

Handling:

Storage:

Use appropriate PPE when handling molten wax.

Store in a dry place, away from heat and flames.

**8. Exposure controls/ personal protection**

Components with recommended limits for the work place

CAS No.

Description

Wt%

Type / Value

None

General: None needed if used at room temperature. If used in a molten state, wear appropriate PPE ( thermal gloves, safety glasses and an apron or appropriate splash guard. If used molten, ensure adequate ventilation.

**9. Physical and chemical properties****Appearance**

Form: Rods

Color: White

Odor: Pleasant

**Information on change in physical state:**

Boiling point/boiling range (°C)	> 316
Melting point/ range (°C)	56-60
Flashpoint (°C)	220
PH	n.a.
Ignition temperature	n.k.
Explosion hazard	n.k.
Explosive limits (Vol%) LEL	n.k.
Other information	
Relative density	1.0 g/ml
Vapor pressure	< 0.5 mmHg
Viscosity	n.k.

**10. Stability and reactivity**

If stored and handled in accordance with manufacturers instructions for use no hazardous reactions are known. Avoid strong oxidizing agents like peroxides and chlorines. Will decompose into Carbon dioxide, monoxide, and other ketones and aldehydes when heated well above its boiling point.

**11. Toxicological information**

Not expected to be a health hazard

**12. Ecological information**

Material is not considered harmful to the environment.

**13. Disposal considerations**

Not a RCRA hazardous waste material. Small quantities may be disposed of in a domestic waste.

**14. Transportation information**

DOT Shipping Name:	DOT Hazard Class:	UN-No.
Non-Regulated	Non-Regulated	N.A.
Sea Transport IMDG/GGV Sea Class: N.A.	UN. No.: N.A.	EmS-No: N.A. MFGA-No: N.A.
Air Transport ICAO-Ti and IATA-DGR Class: N.A.	UN. No.: N.A.	

**15. Regulatory information**

TSCA Inventory Status: This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.  
 SARA 311/312 Hazard Categories: None  
 SARA 302 Extremely Hazardous Substances: None  
 SARA 313 Toxic Chemicals: None

Labeled in accordance with EC directives

Canadian Regulations: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Product Regulations.

**16. Other information**

06-15-04 – Converted to new format. 10/01/09 Review.

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. Coltène/Whaledent Inc., however, makes no representations as to the completeness of security of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Coltène/Whaledent Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.