



01. Identification of the preparation and of the company

1.1 Identification of the preparation

Utility wax, modelling wax, quadrangular wax sticks, sticky wax, thermo-wax for undercuts.

1.2 Use of the preparation

Waxes for use in dentistry or dental laboratory.

1.3 Company identification

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Tel. ++39 (0)55.30.44.1 – Fax ++39 (0)55 374808.

1.4 Emergency telephone

++39 (0)55.30.44.1. An answering machine is on during closing time.

2. Hazards identification

The preparation is neither dangerous for human health nor for the environment.

3. Composition/information on ingredients

Substances contained in the preparation, considered dangerous according to EU Directive 67/648 and subsequent amendments: none

The preparation contains synthetic or natural waxes and food dyes.

4. First aid measures

The product in solid form does not require particular first aid measures: if the product is in a melted state, act as follows:

Eye contact: wash eyes immediately with plenty of water for at least 15 minutes and consult a doctor.

Skin contact: immediately dip the affected area in cold water and consult a doctor.

Inhalation: ensure the place is well ventilated. If feeling unwell, consult a doctor.

5. Fire-fighting measures

- Suitable extinguishing means: carbon dioxide, chemical powders, foam, sand, nebulized water.

- Unsuitable extinguishing means: none.

- Combustion risks: if a considerable quantity of the product catches fire, it is possible for CO e CO₂ to develop.

6. Accidental release measures

- Individual precautionary measures: avoid contact with melted wax.

- Environmental precautionary measures: contain the loss and allow the product to cool.

- Clean-up methods: scrape and/or sweep away the solidified material and afterwards clean the area with absorbent material.

7. Handling and storage

7.1. Handling

In ventilated premises, when using wax in powder, wear glasses and gloves.

7.2 Storage

Store the product away from the heat sources and naked flames, in ventilated and dry places.

8. Exposure controls/personal protection

8.1. Exposition limit values

The European Union has not issued max values for professional exposure relevant to the principal ingredients of the preparation in question.

8.2. Exposure control

Respiratory protection: not necessary.

Hand protection: wear gloves.

Eye and face protection: when using melted product, wear face mask and safety glasses.

Skin protection: not necessary; if necessary wear an apron.

Environmental exposure control: see section 6.



9. Physical and chemical properties

9.1. General information

	Utility wax	Modelling wax	Quadrangular wax sticks	Sticky wax	Thermo-wax for undercuts
Appearance	solid	solid	solid	solid	solid
Odour	odourless	odourless	odourless	odourless	odourless
Colour	blue	pink	blue	blue	blue

9.2. Health, safety and environmental information

	Utility wax	Modelling wax	Quadrangular wax sticks	Sticky wax	Thermo-wax for undercuts
pH	not determinable	not determinable	not determinable	not determinable	not determinable
Melting point	58 ± 2°C	59 ± 2°C	60 ± 2°C	62 ± 2°C	103 ± 2°C
Burning temperature	> 220°C	> 220°C	> 220°C	> 220°C	> 220°C
Explosive properties	not explosive	not explosive	not explosive	not explosive	not explosive
Relative density	0.78-0.86 at 60°C	0.78-0.86 at 60°C	0.78-0.86 at 60°C	0.78-0.86 at 60°C	0.78-0.86 at 60°C
Solubility in water	insoluble	insoluble	insoluble	insoluble	insoluble

10. Stability and reactivity

- Stability: the preparation is stable and it will not decompose in common conditions of use and storage.
- Conditions to avoid: none.
- Substances to avoid: none.
- Dangerous reactions: none.

11. Toxicological information

Paraffin s usually considered “relatively non toxic” (Patty’s 1981). The vapours, at high concentrations, can cause edema and pulmonary haemorrhage in mice. Prolonged contact can cause skin irritation and ulceration in animals.

12. Ecological information

Paraffin degrades, in sediments and grounds, at a speed that depends on the micro organisms present. In water, it tends to absorb itself to hanging solids and sediments.

13. Disposal consideration

Dispose of in accordance with local and national regulations. In Italy dispose of according to Legislative Decree of April 3 2006 no. 152 “Regulations on environmental subject”, application of European Directives on environmental protection, and subsequent modifications and integrations.

The product is classified as non dangerous special waste, and it can be disposed of in controlled dumps. Sometimes, on the decision of individual town councils, it can be disposed of with domestic waste.

14. Transport information

The product is not hazardous within the meaning of transport regulations.

15. Regulatory information

- Health, safety and environmental information shown on the label according to European Directives on hazardous materials and substances

None.

- Information related to further dispositions

The products which wear the CE marking on the label are in accordance with the essential requirements of 93/42EEC Directive, Annex I, on medical devices.

16. Other information

The safety data sheet has been written according to relevant European provisions, on the basis of information received by the supplier of preparation.



The product is intended for orthodontic and odontological use only. The use of the product has to be restricted to skilled and licensed professionals.

The information drawn herein is based on our knowledge at the date of the issue.

The information is exclusively provided related to the product herewith specified and is not intended as a warranty of quality.

Leone disclaims any responsibility arising out of the use of the information here furnished, or of the handling, the application or the manufacture of the product here described. The final user is called to verify the application and completeness of the information herein in relationship to the specific use and reliability of the rules and local applicable dispositions. The present information doesn't imply any liberty to break patent rights

Previous safety data sheet n. R18/1E dated 18/05/2005 is to be considered cancelled. In comparison to the preceding revision, meaningful changes have not been effected but only adjustments to the European provisions which regulate the compilation of safety data sheet.

This safety data sheet is subject to revision.

Visit our web site www.leone.it for an updated version of the present sheet.