

SCHEMA DI SICUREZZA

ORTHOWAX wax for bracketts

Edition 2 of 01/07/03
Revision 0

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1. PRODUCT AND MANUFACTURING COMPANY IDENTIFICATION

Brand name: **ORTHOWAX wax for bracketts**

Use: wax for dental technician use

Supplier: INDUSTRIA ZINGARDI Srl – Via Mazzini, 161 – 15067 NOVI LIGURE (AL) ITALY –
Tel: ++39 0143 2148/73468 – Fax: ++39 0143 71883 – e-mail: zingardi@zingardi.it

Telephone number for urgent call: ++39 0143 2148

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances contained in the preparation, considered dangerous according to the EEC Directive 67/548 and following adjustment:

none

The compound contains synthetic or natural waxes and food dyes.

3. IDENTIFICATION OF DANGERS

The compound is not dangerous either for man or for environment.

4. FIRST AID

The product in solid form does not require particular measures of first aid; if the product is at melted state, operate as follows:

Contact with eyes: water eyes immediately with a lot of water for at least 15 minutes and call a doctor

Contact with skin: dip immediately the part in cold water and consult a doctor

Inhalation: assure the entrance of fresh air. In case of indisposition, consult a doctor.

5. FIRE-PREVENTION METHODS

Suitable means of extinction: carbon dioxide, chemical powders, foam, sand, nebulized water

Forbidden means of extinction: none

Risks for combustion: if a considerable quantity of product is involved in a fire, it is possible that develops CO and CO₂.

6. MEASURES FOR CASUAL DISPERSION

6.1 **Personal precautions:** avoid contact with melted wax

6.2 **Environmental precautions:** stem the loss and allow the product to cool

6.3 **Improvement methods:** scrape and/or sweep away the solidified material and afterwards clean the area with absorbent material

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7. MANIPULATION AND STORAGE

7.1 **Manipulation:** in airy premises, using wax in powder, put on glasses and gloves

7.2 **Storage:** storage the product away from heat source and free blazes, in airy and dry place

8. PERSONAL PROTECTION / EXPOSURE CONTROL

8.1 **Values limit for exposure:** European Community has not published limit value of professional exposure relevant to principal ingredients of the compound in hand.

8.2.1 **Control of professional exposure:**

8.2.1.1 **Respiratory protection:** not necessary

8.2.1.2 **Hand protection:** gloves

8.2.1.3 **Eyes and face protection:** using melted wax, put on face mask and safety glasses

8.2.1.4 **Skin protection:** not necessary, in case apron

8.2.2 **Environmental exposure control:** remember point 6

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: solid in sticks, white coloured

Odour: odourless

pH: not determinable

Melting point: 60 ± 2 °C

Flash temperature: > 220 °C

Explosive properties : not explosive

Relative density: 0,78 – 0,86 at 60 °C

Solubility in water: not soluble

10. STABILITY AND REACTIVITY

Stability: the compound is stable and it does not decompose if used in the normal conditions of use and storage

Conditions to avoid: none

Substances to avoid: none

Dangerous reactions: none

11. TOXICOLOGICAL INFORMATION

The paraffin is usually considered "fairly not toxic" (Patty's 1981). The vapours, at high concentrations, can cause in mice edema and pulmonary haemorrhage. The prolonged contact can cause irritation and ulceration of the skin on the animals.

12. ECOLOGICAL INFORMATION

The paraffin degrades, in sediments and grounds, with a rapidity that depends on the present microorganisms. In waters, it tends to absorb itself to hanging solids deposits.

13. WASTE DISPOSAL

The products is classifiable as special waste not dangerous, it can be eliminated in controlled dump according to the current law (D. Lgs 22/97 and following adjustments).

Sometimes, for decision of single town council, it can be disposed with domestic waste.

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14. INFORMATION ON TRANSPORT

Transport not regulated.

15. REGULATIONS

Labelling of preparation in application of D. Lgs 3 February 1997, n° 52 and Directive 1999/45/CE regarding classification, packing and labelling of dangerous compounds:

Symbol of danger: not requested

Phrase of risk: not requested

Advices of caution: not necessary

According to the EEC Directive 93/42 Medical Devices, the product necessitates the CE marking of class I.

16. FURTHER INFORMATION

Safety schedule was written in conformity to Directive 91/155/EEC and following adjustments and D.M. 4/04/97 and 7/09/2002. The reported information are based on our present knowledge at the moment of the consignment, considering safety norms and a correct and pure use. The supplying firm is not responsible for an improper use of the product and for any risk springing from changes or unknown effects in the technical characteristics of raw materials.