

SAFETY DATA SHEET

PRODUCTS RELATED TO THIS MSDS
ORTHODONTIC WAX

Raw materials used are Paraffin and Petrolatum Jelly.

This product it is not considered hazardous. Is manufactured with Paraffin and Petrolatum Jelly. This product is considered a stable material under normal storage and handling conditions. Additionally, the product has been tested for biocompatibility, as required for certain medical devices.

CHEMICAL COMPOSITION

COMPONENT	%	CAS No.
Microcrystalline Wax	82	62331-60-7
Ceresine	15	8001-75-0

Plus one of the following: Product

Product	Component	%	Component CAS No.
Unscented wax	White Petrolatum, USP XXIII	3	8009-03-8
Wintergreen Wax	Methyl Salicylate	>0.50	67-56-1
Cherry Wax	Cherry #39 39.1495	1	67-56-1

PHYSICAL - CHEMICAL PROPERTIES AND FLAMMABILITY

Appearance	Solid	Colour	White
Odour	Odourless	Safety Data	None
Ph-value	None		
<i>Change of status</i>			
Bowling point	n.a.	Melting point	n.a.
Combustion rate	n.a.	Flammability	n.a.
Ignition temperature	n.a.	Auto-ignition temperature	n.a.
Comburent capability	n.a.	Explosion limit	n.a.
Vapour pressure	n.a.	Density at 20°	n.a.
<i>Solubility and scattering features</i>			
Soluble in water	Insoluble	Soluble in fat	Insoluble
Scattering coefficient	None		

ORTHODONTIC MANUFACTURER SIA SRL

REACTIVITY

⇒ **Stability and reactivity:** stable and not reactive

HAZARDS IDENTIFICATION

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SCHEDA SICUREZZA (Medical Safety Data Sheet)

Revisione 2 Pagina 1 di 2
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Modello 5/1 Revisione 0
Data 02/08/2018
MSDS Q-E.docx

SAFETY DATA SHEET

PRODUCTS RELATED TO THIS MSDS

RETAINER CASES

LIP PROTECTORS

SPORT MOUTHGUARD

CHEECK RETRACTORS

Raw materials used are: Polymer, Fina Polypropylene Copolymer.

CHEMICAL COMPOSITION

Ethylene-propylene copolymer CAS Registry Number-9010-79-1

Chemical Formula (C₃H₅)_x - (C₂H₂)_Y

PHYSICAL - CHEMICAL PROPERTIES AND FLAMMABILITY

Appearance	Solid	Colour	Transparent
Odour	Odourless	Safety Data	None
Ph-value	None		
<i>Change of status</i>			
Bowling point	n.a.	Melting point	n.a.
Combustion rate	n.a.	Flammability	n.a.
Ignition temperature	n.a.	Auto-ignition temperature	n.a.
Comburent capability	n.a.	Explosion limit	n.a.
Vapour pressure	n.a.	Density at 20°	n.a.
<i>Solubility and scattering features</i>			
Soluble in water	Insoluble	Soluble in fat	Insoluble
Scattering coefficient	None		

ORTHODONTIC MANUFACTURER SIA SRL

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REACTIVITY

Stability and reactivity: stable and not reactive

⇒

HAZARDS IDENTIFICATION

Information on toxicity: no toxic effects caused by the material in massive form or during the usual orthodontic process have been noticed.

Possible hazards during the working process:

⇒ **Effects of overexposure:** inhalation is very serious. A prolonged excessive exposition to dust, mist and fumes of this alloy may contribute to chronic respiratory ailments.

⇒ **Primary routes of entry:** inhalation of dust and fumes.

EXPOSURE CONTROL PROTECTION

Local exhaust ventilation may be necessary for some operations.

Eye/Face Protection: Use safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles. If vapor exposure causes eye discomfort, use a full-face respirator.

Skin Protection: No precautions other than clean body-covering clothing should be needed. Use gloved with insulation for thermal protection, when needed.

Respiratory Protection: In dusty atmospheres, use an approved dust respirator. For most conditions, no respiratory protection should be needed.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use of NIOSH-approved respirators is recommended when handling hot material. Gloved required when handling hot material. Wear safety glasses. Ventilation is needed when handling hot material.

Environmental Precautions: N/A

Cleaning Methods: Dispose of in accordance with state, local, and federal regulations