



## Safety Data Sheet

**04-19-0005 V5.20**

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Version Data 5.20

### Product Description

Patient Relief Wax, Silicone Relief Wax

### REF Numbers

19-211-101, 19-211-100, 19-213-10x

### Restrictions to use:

For use only by dental professionals.

**Manufacturer** : International Orthodontic Services  
**Address** : 12811 Capricorn St. Stafford, TX 77477 USA  
**Phone No,** : 1888-IOS-8882 ( 1888-461-8882)  
**Emergency Phone No,** : +1 832 342 9487

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## Hazards Identification

### General Hazards Statement:

This product is a manufactured article as defined under REACH. No labeling is required for finished product.

This product is classified as "articles" and do not constitute a hazardous material in solid form und the definitions of the OSHA Hazard Communication Standard (29CFR1910.1200). Any articles manufactured from these solid products would be generally classified as non-hazardous.

Not hazardous when used in accordance with the relevant identified uses. Above its melting point, wax becomes a liquid and flows more readily as its temperature increases. If material becomes a hot liquid, it requires special handling. At temperatures significantly above its melting point, hydrocarbon vapors are given off which should be handles with adequate ventilation. Can cause eye, skin and respiratory irritation.

## Composition / Information On Ingredients

No classified ingredients present

## First Aid Measures

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### Description of First-Aid Measures General Notes

Material as supplied is non-hazardous. When used as intended, it is not expected to cause adverse reactions with respect to inhalation, dermal (eye/skin), and ingestion exposure routes; however if exposed to melted wax, consider the following:

#### Inhalation

Move victim to fresh air. Call a physician if symptoms persist Skin Contact  
Exposure to fumes vapor and smoke from thermal degradation can cause skin 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.

#### Eye Contact

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.

#### Ingestion/Swallowing

Ingestion of molten wax is not a likely route of exposure. Self-Protection of First-Aider  
Use protective gloves and suitable protective clothing when dealing with molten product.

### Important Symptoms and Effects

Delayed effects may occur if molten product is inhaled. Keep person under medical observation for 48 hours.

### Medical Attention & Special Treatment Necessary

For eye/skin contact, flush affected area with cold water for at least 15 minutes. Remove any affected articles of clothing. If ingested or inhaled, seek immediate medical attention; molten product may cause thermal burns. Molten wax is non-toxic.

#### Notes to the Doctor:

Delayed effects may occur if molten product is inhaled. Keep person under medical observation for 48 hours. Treat all thermal injuries symptomatically.

## Fire Fighting Measures

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**Extinguishing Media:** Carbon dioxide, foam and dry chemicals

**Unsuitable Extinguishing Media:** Do not use direct water stream

**Specific Hazards Arising from the Chemical:** Standard combustion products

**Protective Equipment and Precautions for Firefighters:** Standard protection for all firefighters stated in this subsection of the SDS text should include self-contained breathing apparatus (SCBA) and full firefighting turn-out gear (Bunker gear)

## Accidental Release Measure

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**Personal Precautions, Protective Equipment, and Emergency Procedures:** Use personal protective equipment recommended in Section 8

**Methods for Containment and Clean-up:** Handle as plastic material. Allow molten material to cool before clean up.

**Other Information:** None Noted

## Handling and Storage

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### Precautions for Safe-Handling

Use with adequate ventilation, do not use near ignition sources

### Conditions for Safe Storage, Including Any Incompatibilities

Store in cool, dry location away from ignition sources. Use appropriate personal protective equipment when handling molten material.

## Exposure Controls/Personal Protection

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### Control Parameters

No data available but non-toxic.

### Exposure Controls

#### - Appropriate Engineering Controls

None needed if used at room temperature. If material is in a molten state, wear appropriate personal protective equipment (thermal gloves, safety glasses and an apron/splash guard). If molten, ensure adequate ventilation.

#### - Personal Protective Equipment

##### - Eye & Face Protection

WHEN MOLTEN ONLY: Wear face shield or chemical splash goggles

##### -Skin Protection

Hand Protection

WHEN MOLTEN ONLY: Wear gloves impervious to this material

Other Skin Protection

WHEN MOLTEN ONLY: Wear long sleeves and protective clothing to minimize skin contact.

##### -Respiratory Protection

None Required

## Physical and Chemical Properties

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### Basic Physical & Chemical Properties

Appearance:	White solid
Odor:	Mild
Odor Threshold:	N/A
pH:	N/A
Melting Point:	No data
Boiling Point:	>230°C
Solubility(ies):	In water: Insoluble

## Reactivity and Stability

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### Reactivity

Not Reactive

### Chemical Stability

Stable

### Conditions of Instability

N/A

### Possibility of Hazardous Reactions

N/A

**Conditions to Avoid**

Avoid strong oxidizing agents like peroxides and chlorines

**Incompatible Materials**

None

**Hazardous Decomposition Products**

Will decompose into Carbon dioxide, monoxide and other ketones and aldehydes when heated well above its boiling point

**Hazardous Polymerization**

Will not occur.

## Toxicological Information

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**Likely Route of Exposure:** Dermal (eye/skin), inhalation, ingestion – wax is not hazardous

**Eye Contact:** Can cause slight mechanical irritation

## Ecological Information

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**Ecotoxicity:** Material is not considered harmful to the environment

**Persistence and Degradability:** Not Known

**Bio accumulative Potential:** Will not bioconcentrate in fish and aquatic organisms nor will it adsorb to sediment and suspended organic matter

**Mobility in Soil:** None Known

This product does not contain persistent, bioaccumulative and toxic chemicals (PBTs) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvBs)

## Disposal Considerations

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The generator of waste material has the responsibility for proper waste classification, transportation and disposal with accordance applicable federal, state/provincial and local regulations.

## Transport Information

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Not hazardous for transportation

## Regulatory Information

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**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU Regulations**

All ingredients conform to the EU requirements

**National Regulations (USA):**

- **SARA Sections 302 & 304:** This product does not contain Extremely Hazardous Substances (EHS) and is not subject of emergency planning requirements

- **CERCLA:** This product does not contain CERCLA Hazardous Substances and is not subject to reporting requirements
- **SARA Section 313:** Substances within this product are not required to be reported in accordance with SARA 313 or the substances within are exempt by rules for “de minimis concentrations of a toxic chemical mixture” §372.38(a) **US (TSCA):** Components within this product are included on the TSCA Inventory of Chemical Substances
- **California Proposition 65:** There are no chemicals within this mixture on the Proposition 65 List

**International Regulations:**

- **Canada (DSL):** All ingredients are on the inventory or exempt from listing
- **Japan (ENCS):** All ingredients are on the inventory or exempt from listing

**Chemical Safety Assessment:**

No chemical safety assessment has been carried out for this substance/mixture by the supplier

## Other Information

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**Indication of changes/revision to SDS:**

- 1.New format
- 2.Inclusion of EC Requirements
- 3.Revision Date: 10/15/2016

**Abbreviations and acronyms:**

None

**Key literature references and sources for data**

- 1.Guidance on the Compilation of Safety Data Sheets; European Chemical Agency (ECHA); Version 2.1, February 2014
- 2.Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labelling, and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Classification and procedure used to derive classification for mixtures according to Regulation (EC) 1272/2008[CLP]:**

None