

### Section 1 Identification

**1.1 Product identifier**

CORNING WAXES Ortho Wax - White

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Dental wax. For professional use only.

**1.3 Details of the supplier of the safety data sheet**

Freeman Manufacturing & Supply Company  
1101 Moore Road, Avon, OH 44011-4043 USA  
Telephone: +1 440-934-1902  
Email: contactus@freemansupply.com

**1.4 Emergency telephone number**  
**CHEMTREC +1 800 424-9300**

### Section 2 Hazards Identification

**2.1 Classification of the substance or mixture**

This mixture is not classified as hazardous according to OSHA 29 CFR 1910.1200 HCS.

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2 GHS Label elements, including precautionary statements**

No label element(s) required.

**2.3 Hazards not otherwise classified**

None known.

### Section 3 Composition/Information on Ingredients

**3.1 Mixture of Substances**

Proprietary mixture consisting primarily of synthetic waxes, and resins.

No components need to be disclosed according to the applicable regulations.

### Section 4 First Aid Measures

**4.1 Description of first aid measures**

**After inhalation:** In case of symptoms arising from inhalation of product fumes, mists or vapor: Remove person to a quiet and well-ventilated place if safe to do so. Obtain medical assistance if breathing remains difficult. If person is unconscious and not breathing: Ensure that there is no obstruction to breathing and give artificial respiration by trained personnel. If necessary, give external cardiac massage and obtain medical advice. If person is unconscious and breathing, place in the recovery position. Administer oxygen if necessary. Inhalation is unlikely because of the low vapor pressure of the substance at ambient temperature. Symptoms: none expected at ambient temperature. Inhalation of fumes or oil mists produced at high temperatures may cause irritation of the respiratory tract.

**After contact with skin:** Remove contaminated clothing, contaminated footwear and dispose of safely. Seek medical attention if skin irritation, swelling or redness develops and persists. Do not put ice on the burn. Remove non-sticking garments carefully. DO NOT attempt to remove portions of clothing glued to burnt skin but cut round them. For minor thermal burns, cool the burn. Hold the burned area under cold running water for at least five minutes, or until the pain subsides. Body hypothermia must be avoided. Seek medical attention in all cases of serious burns. Wash affected area with soap and water. May cause burn in case of contact with product at high temperature. Symptoms: dry skin, irritation in case of repeated or prolonged exposure.

**After contact with eyes:** If hot product is splashed into the eye, it should be cooled down immediately to dissipate heat, under cold running water for at least 5 minutes. Immediately obtain specialist medical assessment and treatment for the person. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Symptoms: slight irritation. May cause burn in case of contact with product at high temperature.

**After ingestion:** Do not give anything by mouth to an unconscious person. Do not induce vomiting. Ask for medical advice. Symptoms: few or no symptoms expected. If any, nausea and diarrhea might occur.

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**Section 4 First Aid Measures**

**4.2. Most important symptoms and effects, both acute and delayed**

Individuals with pre-existing lung disorders may have increased susceptibility of the effects of exposure .  
When using high-pressure equipment, injection of product can occur.

**4.3. Indication of any immediate medical attention and special treatment needed**

Monitor breathing and pulse rate. Treatment should be in general symptomatic to relieve any effects.

**Section 5 Fire Fighting Measures**

**5.1 Extinguishing media**

Suitable extinguishing media: Water fog, dry chemical, foam, carbon dioxide..

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

**5.2 Special hazards arising from the substance or mixture**

Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates, gases, including carbon monoxide, unidentified organic and inorganic compounds.

**5.3 Advice for firefighters**

In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Section 6 Accidental Release Measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. Wear appropriate personal protective equipment, see Section 8.

**6.2 Environmental precautions**

Should not be released into the environment. Prevent product from entering drains.

**6.3 Methods and materials for containment and cleaning up**

Do not walk through molten spilled material. Collect material and shovel spillage into suitable container for disposal.

**Section 7 Handling and Storage**

**7.1 Precautions for safe handling**

Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Do not use in areas without adequate ventilation. Avoid dust formation. Avoid contact with molten material.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool dry area. Keep away from ignition sources, heat, open flames, and direct sunlight.  
Do not store with incompatible materials, see Section 10.

**Section 8 Exposure Controls/Personal Protection**

**8.1 Control parameters**

**Exposure Limits/Guideline**

| Substance Name | Limit / Standard        | Source |
|----------------|-------------------------|--------|
| Wax fumes      | 2 mg/m <sup>3</sup> TWA | ACGIH  |

**8.2 Exposure controls**

**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances, such as poorly ventilated spaces, very hot processing, mechanical generation of dusts, etc.

### Section 8 Exposure Controls/Personal Protection

#### 8.3 Individual protection measures, personal protective equipment

**Eye/Face:** Wear safety glasses equipped with side shields, or safety goggles.

**Hands:** Wear thermally resistant gloves and long sleeves if handling molten product.

**Skin/Body:** Prevent skin contact, wear long sleeves and/or coveralls.

**Respiratory:** The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, use an N95 dust mask for limited exposure. For prolonged exposure use an air-purifying respirator. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

**Safety Stations:** Make emergency eyewash stations and washing facilities available in work area.

**General Hygienic Practices:** Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

### Section 9 Physical and Chemical Properties

#### 9.1 Information on physical and chemical properties

|                                                |                     |
|------------------------------------------------|---------------------|
| <b>Physical State:</b>                         | Soft solid          |
| <b>Color:</b>                                  | White               |
| <b>Odor:</b>                                   | Mild                |
| <b>Odor Threshold:</b>                         | No data available   |
| <b>pH:</b>                                     | Not applicable      |
| <b>Melting Point:</b>                          | Approximately 150°F |
| <b>Boiling Point:</b>                          | No data available   |
| <b>Decomposition Temperature:</b>              | No data available   |
| <b>Flash Point:</b>                            | >392°F (>200°C)     |
| <b>Flammability:</b>                           | No data available   |
| <b>Lower Explosion Limit:</b>                  | No data available   |
| <b>Upper Explosion Limit:</b>                  | No data available   |
| <b>Vapor Density:</b>                          | No data available   |
| <b>Specific Gravity:</b>                       | No data available   |
| <b>Water Solubility:</b>                       | Insoluble           |
| <b>Partition Coefficient: n-octanol/water:</b> | No data available   |
| <b>Autoignition Temperature:</b>               | No data available   |
| <b>Viscosity:</b>                              | < 500 cP at 200°F   |
| <b>Explosive Properties:</b>                   | Not explosive       |
| <b>Oxidizing Properties:</b>                   | Not an oxidizer     |

### Section 10 Stability and Reactivity

|                                                 |                                                                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity:</b>                         | No dangerous reaction known under conditions of normal use.                                                          |
| <b>10.2 Chemical stability:</b>                 | Stable under recommended storage conditions.                                                                         |
| <b>10.3 Possibility of hazardous reactions:</b> | Hazardous polymerization does not occur.                                                                             |
| <b>10.4 Conditions to avoid:</b>                | Heat, sparks, open flame. Avoid dust formation.                                                                      |
| <b>10.5 Incompatible materials:</b>             | Strong oxidizing agents.                                                                                             |
| <b>10.6 Hazardous decomposition products</b>    | In case of fire hazardous decomposition products may be produced: carbon monoxide, carbon dioxide, irritating smoke. |

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## Section 11 Toxicological Information

## 11.1 Information on toxicological effects

**Acute toxicity:** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation:** Elevated temperatures or mechanical action may form vapors, mist, or fumes which may be irritating to the eyes, nose, throat, or lungs.

**Sensitizing effects:** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Reproductive toxicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity, mutagenicity and toxicity for reproduction:** None

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

## 11.2. Information on other hazards

**Endocrine disrupting properties:** Based on available data, the classification criteria are not met.

This product does not contain a substance that has endocrine disrupting properties with respect to humans or non-target organisms as no components meets the criteria. The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

## Section 12 Ecological Information

## 12.1 Ecotoxicity

Not expected to be harmful to aquatic organisms

## 12.2 Persistence and degradability

No data available

## 12.3 Bioaccumulative potential

No data available

## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT &amp; vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 12.6. Endocrine disrupting properties

Does not contain a substance that has endocrine disrupting properties

## Section 13 Disposal Considerations

## 13.1 Disposal:

Follow applicable Federal, State, and local regulations.

## Section 14 Transport Information

## 14.1 DOT, TDG, IMO/IMDG, IATA/ICOA:

Not regulated as a dangerous good

## Section 15 Regulatory Information

## 15.1 Safety, health and environmental regulations/legislation specific for the product

**Inventories:** This product complies with the following inventories: USA TSCA

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Hazards Classifications:** None

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**RCRA:** In the form delivered, this product is not considered as hazardous waste, and is not subject to reporting under the Resource Conservation and Recovery Act.

**Section 15 Regulatory Information**

**California Proposition 65:** This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

**REACH:** Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59

**Section 16 Other Information**

**16.1 Disclaimer**

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Date of Issue: June 11, 2025