



Orthodontic Products  
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## MATERIAL SAFETY DATA SHEET DIRECTIVE 91/155/EEC

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

- 1.1 Chemical Nature, Sales Name, Use: White Utility Wax, Patient Compacts, Unscented , Wintergreen and Cinnamon scented
- 1.2 Company Identification:  
 G&H Wire Company  
 2165 Earlywood Drive  
 Franklin IN 4131  
 Telephone: 317-346-6655  
 Facsimile: 317-346-6663
- 1.3 Emergency Contact: 317-346-6655

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Unscented Patient Wax and Utility Wax:

Component Description	Component % Concentration	Component CAS No.
Microcrystalline Wax	82	62331-60-7
Ceresine	15	8001-75-0
White Petrolatum, USP XXIII	3	8009-03-8

Plus one of the following for scented patient wax:

Product	Component Description	% Concentration	Component CAS No.
Wintergreen Wax	Methyl Salicylate	>0.50	119-36-8
Cinnamon Wax	Cinnamon #39 391495	1	No CAS established for this mixture. Food Grade meets GRAS standards

### 3. HAZARDS IDENTIFICATION

Contains no hazardous ingredients

### 4. FIRST-AID MEASURES

Under normal use the material presents minimal risks; treat as symptoms indicate.

- 4.1 Inhalation: N/A
- 4.2 Skin Contact: Molten wax may burn exposed skin. Run under water for ten minutes to cool.

- 4.3 Eye Contact If molten wax splashes into the eyes do not attempt to open the eyes and seek medical assistance to separate lids and lashes.
- 4.4 Ingestion: Will not pose a risk if ingested in small amounts.

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## 5. FIRE-FIGHTING MEASURES

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- 5.1 Suitable Extinguishing Media:  
Dry Chemical – CO2 – Foam – Waterfog – Sand/Earth
- 5.2 Unsuitable Extinguishing Media: None
- 5.3 Particular Hazards: None
- 5.4 Protective Equipment for Fire-Fighters: SCBA

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## 6. ACCIDENTAL RELEASE MEASURES

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- 6.1 Personal Precautions: Wear Safety glasses, gloves and face shield when handling hot wax.
- 6.2 Environmental Precautions: None required
- 6.3 Cleaning Methods: If molten, allow to cool, then scrape and shovel up material. Dispose of in accordance with local, state, and Federal Regulations

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## 7. HANDLING AND STORAGE

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- 7.1 Handling: None
- 7.2 Storage: Avoid high temperatures.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Not applicable

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- 9.1 Form: 2 inch strips  
Color: White  
Odor: None for unscented, mint for wintergreen and cinnamon for cinnamon scent.
- 9.2 Change of State: N/A  
Melting Point/Range: NDA  
Boiling Point: NDA
- 9.3 Flash Point: N/A
- 9.4 Ignition Point: N/A
- 9.5 Vapor Pressure (20°C): NIL
- 9.6 Density (20°C): Specific gravity (H2O=1) No data available
- 9.7 Solubility in: Water Insoluble
- 9.8 PH-Value (at 10g/1H<sub>2</sub>O):N/A
- 9.10 Viscosity (20°C): N/A

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## 10. STABILITY AND REACTIVITY

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- 10.1 Thermal Decomposition: None
- 10.2 Conditions to Avoid: None

- 10.3 Materials to Avoid: None
- 10.4 Hazardous Decomposition Products: None

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## 11. TOXICOLOGICAL INFORMATION

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There is no toxicological data specific to this product.

- 11.1 Oral Toxicity: N/A
- 11.2 Inhalation: N/A
- 11.3 Skin Irritation: N/A
- 11.4 Sensitization: N/A
- 11.5 Eye Irritation: N/A
- 11.6 Further Details: None

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## 12. ECOLOGICAL INFORMATION

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- 12.1 Acute Toxicity in Fish (LC-50/48h): Not known
- 12.2 Bacteria Toxicity (EC-0): Not known
- 12.3 Biodegradability: Not known
- 12.4 Further Details: None

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## 13. DISPOSAL CONSIDERATIONS

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- 13.1 Product: Dispose in compliance with local, federal, and state regulations.
- 13.2 Packaging: Dispose in compliance with local, federal, and state regulations.
- 13.3 Waste Disposal Code: Dispose in compliance with local, federal, and state regulations.

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## 14. TRANSPORT INFORMATION

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- 14.1 Overland Transport ADR/RID/GGVS/GGVE: None
- 14.2 Sea Transport GGVSEA/IMDG-Code: None
- 14.3 Air Transport ICAO/IATA-DGR: None
- 14.4 Inland Waterway Transport ADNR: none
- 14.5 Further Details: None

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## 15. REGULATORY INFORMATION

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Preparation as defined by the (German) Chemicals Act (dated 4/03/1990).

- 15.1 Labeling:
  - Product Contains:
  - Danger Symbol: N/A
  - R-Sentences R36/37/38: N/A
  - S-Sentences S26: N/A
  - Sentences S28: N/A
- 15.2 National Regulation:
  - VbF: N/A
  - TA-Air: N/A
  - Water Pollution 1: N/A

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## 16. OTHER INFORMATION

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- 16.1 The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. Therefore, it should not be construed as guaranteeing specific properties.
- 16.2 Date of Release: November 28, 2006, Revision Date: 06-18-2012