



P.O. Box 248  
Greenwood, IN 46142  
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## MATERIAL SAFETY DATA SHEET

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

- 1.1 Chemical Nature, Sales Name, Use: Paraffin Wax Disposable Marking Pencils for Orthodontic use
- 1.2 Company Identification:  
G&H Wire Company  
P.O. Box 248  
Greenwood, Indiana 46142  
Telephone: 317-346-6655  
Facsimile: 317-346-6663
- 1.3 Emergency Contact: 317-346-6655

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Polycarbonate Handle with marking tip made of a complex mixture of Bee's Wax, Mineral Oil and Titanium Dioxide  
Red/Orange tips contain FDA FD&C Red #6 Barium Lake & FDA Yellow #6 Aluminum Lake

### 3. HAZARDS IDENTIFICATION

Contains no hazardous ingredients. All colorant on the FDA Color Additive Inventory Color List.

### 4. FIRST-AID MEASURES

- 4.1 Inhalation: NA  
4.2 Skin Contact: NA  
4.3 Eye Contact: NA  
4.4 Ingestion: NA

### 5. FIRE-FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media: Water Spray, Foam, CO2  
5.2 Unsuitable Extinguishing Media: None  
5.3 Particular Hazards: None  
5.4 Protective Equipment for Fire-Fighters: None

### 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions: None required.
- 6.2 Environmental Precautions: None required
- 6.3 Cleaning Methods: Sweep or wash to a suitable waste disposal area.

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## 7. HANDLING AND STORAGE

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- 7.1 Handling: None
- 7.2 Storage: No special requirements.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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NA

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- 9.1 Form: Solid  
Color: Red  
Odor: Waxy
- 9.2 Change of State: N/A  
Melting Point/Range: NDA  
Boiling Point: NDA
- 9.3 Flash Point: 210F – 410F
- 9.4 Ignition Point: N/A
- 9.5 Vapor Pressure (20°C): NIL
- 9.6 Density (20°C): Specific gravity .083- 0.89 @60F
- 9.7 Solubility in: Water N/A
- 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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- 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:

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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:

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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:
- 14.2 Sea Transport GGVSEA/IMDG-Code:
- 14.3 Air Transport ICAO/IATA-DGR:
- 14.4 Inland Waterway Transport ADNR:
- 14.5 Further Details:

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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:
  - R-Sentences R36/37/38:
  - S-Sentences S26:
  - S-Sentences S28:
- 15.2 National Regulation:
  - VbF:
  - TA-Air:
  - Water Pollution 1:

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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 Release Date: November 28, 2006. Revision Date: 04-09-2014