

**G&H® Wire Company**2165 Earlywood Drive  
Franklin, IN 46131

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**MATERIAL SAFETY DATA SHEET DIRECTIVE 91/155/EEC**

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**1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION**

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- 1.1 Chemical Nature, Sales Name, Use: Microbrushes, Polymer, Polymer based product, dental product
- 1.2 Company Identification:  
Distributed by:  
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

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

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The product is a proprietary combination of polymers, fillers, colorants, process aids, etc. Any hazards associated with a particular ingredient have been eliminated due to encapsulation in a polymer matrix. The product is not considered a hazardous material according to the Federal Hazard Communication Standard (29 CFR 1910.1200). This MSDS is offered as a source for handling and safety information

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**3. HAZARDS IDENTIFICATION**

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No hazardous materials

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**4. FIRST-AID MEASURES**

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- 4.1 Inhalation: None required.  
4.2 Skin Contact: N/A  
4.3 Eye Contact: N/A  
4.4 Ingestion: None required.

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**5. FIRE-FIGHTING MEASURES**

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- 5.1 Suitable Extinguishing Media: Water Spray, carbon dioxide, dry chemical, fog  
5.2 Unsuitable Extinguishing Media: Not known  
5.3 Particular Hazards: Not known

- 5.4 Protective Equipment for Fire-Fighters: Do not enter confined fire space without full bunker gear, which includes a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed container with water.

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## 6. ACCIDENTAL RELEASE MEASURES

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- 6.1 Personal Precautions: None required.  
6.2 Environmental Precautions: Avoid contact with strong oxidizing agents.  
6.3 Cleaning Methods: Sweep or Pick-up with industrial vacuum.

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## 7. HANDLING AND STORAGE

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- 7.1 Handling: None except as required in the dental field  
7.2 Storage: No special requirements.  
7.3 Storage Conditions: Store in a dry area away from moisture, excessive heat and flame

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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None

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- 9.1 Form: Small tapered, slightly flexible rods bearing a tuft of synthetic material at the apex.  
Color: Various colors  
Odor: Odorless
- 9.2 Change of State: N/A  
Melting Point/Range: N/A  
Boiling Point: N/A
- 9.3 Flash Point: N/A  
9.4 Ignition Point: 425° F estimated  
9.5 Vapour Pressure (20°C): N/A  
9.6 Density (20°C): Specific gravity = .greater than 1.0  
9.7 Solubility in: Water Not applicable  
Organic Solvent
- 9.8 PH-Value (at 10g/1H<sub>2</sub>O):  
9.10 Viscosity (20°C):

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## 10. STABILITY AND REACTIVITY

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- 10.1 Thermal Decomposition: Could possible form the following hazardous materials: carbon monoxide, carbon dioxide, methane, propane, acrolein, acids, ketones, and aldehydes  
10.2 Conditions to Avoid: Excessive temperatures.  
10.3 Materials to Avoid: Strong Oxidizing Agents  
10.4 Hazardous Decomposition Products: See step 10.1

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## 11. TOXICOLOGICAL INFORMATION

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- 11.1 Oral Toxicity: Not likely to occur when used as intended

- 11.2 Inhalation: Not likely to occur when used as intended
- 11.3 Skin Irritation: Not likely to occur when used as intended
  
- 11.4 Sensitization: Not likely to occur when used as intended
- 11.5 Eye Irritation: Not likely to occur when used as intended
- 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, state, and federal regulations.
- 13.2 Packaging: Dispose in compliance with local, state, and federal regulations.
- 13.3 Waste Disposal Code: Dispose in compliance with local, state, and federal 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: 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:
  - 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 Revision Date: November 28, 2006