

**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 Product or Family Name: Handle for Swivel Safety Keys  
(Note: See 302 SS MSDS for the screw section of the swivel key)
- 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

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**


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- 2.1 Name: Pro-fax 6331, Polypropylene Homopolymer Pellets
- 2.2 Per Directive 1999/45/EC this product/product family is not classified as dangerous or a health or workplace hazards.
- 2.3 Concentration: 95%, <5% stabilizers (trade secret)
- 2.4 R-phases: None for the finished key handle
- 2.5 CAS#/EINECS #: 9003-07-0
- 2.6 Confidentiality: None

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**3. HAZARDS IDENTIFICATION**


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- 3.1 When used appropriately, no adverse effects are known to be caused by the product.
- 3.2 Dangerous substances: N/A

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**4. FIRST-AID MEASURES**


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The following measures should be taken for exposure by the following methods:

- 4.1 Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- 4.2 Skin Contact: Molten resin: If molten material comes in contact with the skin, cool under ice water or a running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Get medical attention.
- 4.3 Eye Contact: Flush eyes with water for 15 to 20 minutes. Get medical attention.
- 4.4 Ingestion: N/A

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**5. FIRE-FIGHTING MEASURES**


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- 5.1 Suitable Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Standard procedures for Class A fires.

- 5.2 Unsuitable Extinguishing Media: None
- 5.3 Particular Hazards: Static discharge could be an ignition source.
- 5.4 Special Protective Equipment for Firefighters: As in any fire, wear self-contained pressure demand breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, such as: N/A

- 6.1 Environmental Precautions, such as: Keep pellets out of waterways
- 6.2 Cleaning Methods: Spill-sweep up material and place in a disposal container

## 7. HANDLING AND STORAGE

- 7.1 Handling: Keep from heat, sparks and flame. Material may accumulate static charges during transfers.
- 7.2 Storage: Store in a cool place below 140°F (60°C)
- 7.3 Specific Use: Unknown

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure Limit Values: TLV-TWA: Unknown
- 8.2 Exposure Controls: Provide adequate room ventilation at the extruder to minimize exposure to process vapors. Eliminate ignition sources during repair and maintenance operations.
  - 8.2.1 Occupational Exposure Controls: Personal Protective Clothing and Equipment:
    - 8.2.1.1 Respiratory: Follow respiratory protection programs
    - 8.2.1.2 Hand Protection: See 8.2.1.4
    - 8.2.1.3 Eye Protection: Wear safety goggles with side shields or goggles.
    - 8.2.1.4 Skin Protection: When handling or processing resins at elevated temperatures or in a molten state, wear protective clothing over the skin to prevent contact.
  - 8.2.2 Environmental Exposure Controls: Not available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

- 9.1.1 Physical State (solid, liquid, gas) Solid pellets
- 9.1.2 Color: Translucent to white
- 9.1.3 Odor: Slight Waxy Odor
- 9.1 Important health, safety and environmental information
  - 9.2.1 pH Value: Unknown
  - 9.2.2 Boiling Point/Range: Unknown
  - 9.2.3 Flash Point: 625°F (329°C)
  - 9.2.4 Flammability (solid/gas):
  - 9.2.5 Explosive Properties: Unknown
  - 9.2.6 Oxidizing Properties: Unknown
  - 9.2.7 Vapor Pressure: N/A
  - 9.2.8 Relative Density:

## 9.2.9 Solubility:

- (a) Water- Negligible
- (b) Solvents- U/K

9.2.10 Partition coefficient: n-octanol/water:

9.2.11 Viscosity: N/A

9.2.12 Vapor Density: N/A

9.2.13 Evaporation Rate: N/A

9.3 Indicate other important safety parameters, such as miscibility, conductivity, melting point/melting range, gas group, auto-ignition and temperature.

9.3.1 Melting point 350°F (160°C)

9.3.2 Auto Ignition Temperature: 675°F (357°C)

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## 10. STABILITY AND REACTIVITY

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10.1 Conditions to Avoid: Storage above 140° F (60C).

10.2 Materials to Avoid: Strong oxidizing agents

10.3 Hazardous Decomposition Products: N/A

10.4 Thermal Decomposition: At high temperatures the materials will decompose producing fumes that contain carbon dioxide, carbon monoxide, ketones, acrolein, aldehydes, and unidentified organic compounds.

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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 Contact: N/A

11.6 Further Details: N/A

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## 12. ECOLOGICAL INFORMATION

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12.1 Ecotoxicity: Unknown

12.2 Mobility (groundwater): Unknown

12.3 Persistence and degradability: Unknown

12.4 Bioaccumulative potential: Unknown

12.5 Other adverse effects: Unknown

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## 13. DISPOSAL CONSIDERATIONS

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13.1 Product: No hazard

13.2 Packaging: No hazard

13.3 Waste Disposal Code: This material is regulated under EPA's Clean Water Act /NPDES rules as "floating material". In addition, this product is considered "significant material" under the EPA's storm water permit rules.

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## 14. TRANSPORT INFORMATION

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14.1 UN Number: Unknown

- 14.2 Class: Unknown
- 14.3 Proper shipping name: Pro fax 6331
- 14.4 Packing group: Unknown
- 14.5 Marine pollutant: Unknown
- 14.6 Other applicable information: N/A

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15. REGULATORY INFORMATION

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Give the health, safety and environmental information shown on the label according to DIR 67/548/EEC

- 15.1 Labeling information: Burn risk-Avoid contact with molten resin. TO prevent explosion prevent the accumulation of dust particles. Keep walk ways clear of spilled material to prevent falls. Provide ventilation to avoid exposure to process vapors.

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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 the materials used in 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