



SAFETY DATA SHEET

Complies with OSHA Standard 29 CFR 910.1200

Arch Wire
Marker

1. Product and Company Identification

Product Name: Arch Wire Marker
Product Use: Dental Applications
Manufacturer Name: Phoenix Orthodontics
Manufacturer Address: 3750 Palladian Village Drive
Marietta, GA 30066
Business Phone: 770-643-8896
Emergency Phone: 770-643-8896
Revision Date: March 10, 2011

2. Composition/Information on Ingredients

Synthetic organic pigment (without lead, cadmium or other toxic chemical compounds).
Natural or synthetic binders, waxes, and additives. Natural mineral fillers.

3. Hazardous Ingredients

Contains no hazardous ingredients.

Route of Entry:

Inhalation: Not applicable

Contact with Skin: No known effects from overexposure.

Contact with Eyes: Slight Irritation.

Ingestion: No known effects.

Health Hazards:

Acute: Oral LD 50 greater than 5000 mg/kg body weight.

Chronic: None observed and none known.

Carcinogenicity: Not applicable.

Signs and Symptoms of Exposure: None

Medical Conditions

Aggravated by Exposure: None

4. First Aid Measures

General Information: In case of clothes contamination, remove and wash with water and soap.

Eye Contact: Irrigate with fresh water immediately and continuously for 5-15 minutes keeping eye open. Consult a specialized medical service.

Skin Contact: Wash skin with water and soap immediately. In case of persistent irritation, seek medical advice.

Inhalation: Not applicable.

Swallowed: Consult a physician.

5. Fire Fighting Measures

Flash Point (°F): Not applicable

Autoginition Temperature (°F): Above 400°

Flammable Limits in Air, Volume %: Lower Limit N/A – Upper Limit N/A.

Fire Extinguishing Materials: Dry Chemical powder, Water Spray, Foam, CO2

Special Fire Fighting Procedures: None.

Unusual Fire and Explosion Hazards: Organic material, combustion will produce carbon dioxide and carbon monoxide.

6. Accidental Release Measures

Sweep up or wash to a suitable waste disposal area.

7. Handling and Storage

Store in dry conditions at room temperature. Keep away from heat and open flame.

8. Exposure Controls/Personal Protection

Ventilation: Not needed

Respiratory Protection: Not needed

Eye Protection: Not needed

Gloves: Not needed

Other Clothing and Equipment: Not needed

Work Practices, Hygienic Practices: Do not smoke, eat, or drink while handling in order to prevent ingestions.

9. Physical and Chemical Properties

Vapor Density (air = 1): Not applicable

Vapor Pressure (mm Hg): Not applicable

Evaporation Rate (Butyl Acetate = 1): Negligible

Solubility in Water: Dispersible

Appearance and Odor: Crayon, red or white in color, wax odor.

Specific Gravity: >1.0

Melting Point (°F): 100-180

Boiling Point (°F): Not applicable

10. Stability and Reactivity

Stability: Stable; Conditions to avoid: Temperatures above 122°F

Incompatibility: Material to avoid: None

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur; Conditions to avoid: None

11. Toxicological Information

Non-toxic material in accordance to American National Standard Z 66.1.

Health Hazards: Acute or Chronic: None

Carcinogenicity: None

12. Ecological Information

No known ecological hazards.

13. Disposal Considerations

Dispose of in accordance with Federal, State, and Local Regulations.

14. Transportation Information

This material is not regulated by D.O.T. Regulations and can be transported by any practical method of shipment.

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