

# Material Safety Data Sheet

## Fuse Master

2036 E. Thomas Rd. Ste. 1 Phoenix, AZ 85016 (602) 288-8822

Issued By: Carmen Reynolds

### Product Name: Fuse Master Lead Free Opaque Enamels LF - HF

Product Numbers: HF111-Blue Green, HF112-Green, HF113-Cobat, HF114-Blue, HF115-Teal, HF116-Powder Blue, HF117 Light Yellow, HF119-Black, HF120-Brown, HF121-Red Brown, HF122-Tan, LF124 Dark Red, HF123-Sand, HF126-Salmon, HF128-Bright White, HF129-White, HF130-Rust (Euro – 966BF)

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### Section I: General Information:

Supplier: Fuse Master  
2036 E. Thomas Rd. Ste. 1  
Phoenix, AZ 85016  
Phone: (602) 288-8822  
Date Prepared: 10-18-03  
Emergency Number: Poison Control 1-800-222-1222

### Section II: Hazardous Ingredients:

Dangerous Components:	CAS#	Weight	PEL	TLV
Frit	(65997-18-4)	100%		

### Section III: Physical Data:

<b>Boiling Point:</b> Not Applicable	<b>Specific Gravity (H<sub>2</sub>O =1):</b> Approximately 3.5
<b>Vapor Pressure (mm Hg.):</b> Not Applicable	<b>Percent Volatile By Volume (%):</b> 0
<b>Vapor Density (air=1):</b> Not Applicable	<b>Evaporation Rate (BuAc = 1):</b> Not Applicable

### Section IV: Fire and Explosion Hazard Data:

Flash Point: Non-Flammable  
Extinguishing Media: Material will not burn, however use water to cool metal containers down  
Fire Fighting Procedures, Special: None Required  
Percent Volatile: 0%  
Solubility in Water: Insoluble  
Appearance and Odor: Powder, Odorless  
PH – Value – Slightly Alkaline  
Unusual Fire Explosion Hazards: Toxic Fumes may be evolved during a fire.  
Melting Point: 860C.

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**Section V: Health Hazard Data:**

General Information and First Aid Procedures: No special measures required.  
Inhalation: Supply fresh air, consult a physician.  
Skin Contact: Wash with mild soap and warm water, consult a physician.  
Eye Contact: Rinse open eye with water for at least 15 minutes, consult a physician.  
Ingestion: If conscious, give large quantities of water or milk. Induce vomiting, call a physician.

**Section VI: Reactivity Data:**

Stability: Stable  
Hazardous Polymerization: Will not occur

**Section VII: Spill or Leak Procedures:**

Spill Procedures: Use appropriate protective equipment during clean up. Notify the National Response Center if reportable quantities are exceeded. Vacuum with a H.E.P.A. filter or use wet clean-up techniques and place recovered materials in a closable container.  
Waste Disposal Methods: Dispose in accordance with federal, state and local regulations.  
Emergency Number: CHEMTREC 800-242-9300

**Section VIII: Special Protection Information:**

Ventilation: Use adequate, localized ventilation for all handling.  
Protective Gloves: Rubber gloves recommended.  
Eye Protection: Use safety goggles or glasses to protect from dust particles.  
Respiratory Protection: Use of NIOSH approved respirator equipped with dust, fume and mist H.E.P.A. filter cartridge during all handling operations recommended.

**Section IX: Special Precautions:**

Handling, shipping and Storing Precautions:  
Avoid breathing dust. Use with adequate localized ventilation. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from food and food products. For manufacturing use only. Keep in sealed closed containers.

**Section X: Right to Know Information:**

Chemical Name: Frit (CAS# 65997-18-4)

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California Proposition 65: (1) Lead and lead compounds are known to the State of California to cause birth defects or reproductive harm. (2) Cobalt oxide is known to the State of California to cause cancer. (3) Silica, crystalline (particles of respirable size) are known to the State of California to cause cancer.

**Section XI: References:**

Department issuing data specification sheet:

Environmental Protection Department

Pfann B.V., Hilversum, Holland

**Disclaimer:** Employers should use this information only as a supplement to other information gathered by them, and should make independent judgements of suitability of this information to ensure proper use and protect the health and safety of employees. This information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.