

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

59194-00 ✓

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)

Form Approved OMB No. 1218-0072

30607-0050



IDENTITY (As Used on Label and Us) CAS 65997-18-4\* (Frit) Enamel Threads Lead Free

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name: Thompson Enamel
Address (Number, Street, City, State, and ZIP Code): 650 Colfax Ave., Bellevue, KY 41073

Emergency Telephone Number: 1-606/291-3800
Telephone Number for Information: 1-606/291-3800
Date Prepared: June 5, 1986
Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Table with 5 columns: Hazardous Components (Specific Chemical Identity; Common Name(s)), OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Content: Although these products contain some elements which have low LTV values as soluble metal ions, these frits are formed at high temperatures and do not necessarily have any of the properties of their component oxides or metals.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (N/A), Specific Gravity (H2O = 1) (>2.0), Vapor Pressure (mm Hg) (N/A), Melting Point (>850°F), Vapor Density (Air = 1) (N/A), Evaporation Rate (Butyl Acetate = 1) (0%).

Solubility in Water 0%

Appearance and Odor: Odorless Glass

Section IV - Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used) (None), Flammable Limits (None), LEL (N/A), UEL (N/A).

Extinguishing Media: None

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Reproduce locally)

OSHA 174, Sept. 1985

V-4234

Stability	Unstable		Conditions to Avoid <b>None</b>
	Stable	X	
Incompatibility (Materials to Avoid)		<b>None</b>	
Hazardous Decomposition or Byproducts		<b>None</b>	
Hazardous Polymerization	May Occur		Conditions to Avoid <b>None</b>
	Will Not Occur	X	

**Section VI — Health Hazard Data**

Route(s) of Entry:	Inhalation?	Yes	Skin?	No	Ingestion?	Yes	
Health Hazards (Acute and Chronic)		Alkali boro silicate glass. 15 mg/M <sup>3</sup> for inert or nuisance dust.					
Carcinogenicity:	None	HIP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	No

Signs and Symptoms of Exposure: **Dust may irritate eyes. Prolonged exposure may cause irritation to respiratory track.**

Medical Conditions Generally Aggravated by Exposure: **Not known**

Emergency and First Aid Procedures: **Remove to dust free fresh air. If irritation develops, call a physician.**

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: **If not contaminated, scoop up and use. If contaminated, sweep up and discard in suitable container.**

Waste Disposal Method: **Dispose according to Federal, State, and Local regulations.**

Precautions to Be Taken in Handling and Storing: **Wear appropriate respirator if 15 mg/M<sup>3</sup> working conditions are exceeded.**

Other Precautions:

**Section VIII — Control Measures**

Respiratory Protection (Specify Type): **Use NIOSH approved dust respirator.**

Ventilation	Local Exhaust	Adequate for dust control.	Special	None
	Mechanical (General)	Vent dust to collector.	Other	None

Protective Gloves: **Use judgement - use work gloves.**

Eye Protection: **Use judgement - avoid getting enamel in eyes.**

Other Protective Clothing or Equipment: **Wear clean clothes.**

Work Hygiene Practices: **No eating or smoking when using enamel.**