

Material Safety Data Sheet

Leaded Glass Enamel Powder

Cristallerie de Saint Paul
 Manufacturer
 Bovano of Cheshire - Importer
 Address
 830 South Main St.
 Cheshire CT 06410
 Phone Number (For Information)
 203-272-3208
 Emergency Phone Number Telex*

Identity (Trade Name As Used On Label)
 1
 MSDS Number*
 CAS Number*
 April 30, 1997
 Date Prepared
 Prepared By*
 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 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS — Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Lead (Pb) (All enamels)		30 ug/m ³		
Cadmium (Cd) (Red and orange enamels)		5 ug/m ³		
Cobalt (Co) (Blue and purple enamels)		0.1 ug/m ³		
Molybdenum		15 mg/m ³		
Non-Hazardous Ingredients				
TOTAL		100		

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point N/A	Specific Gravity (H ₂ O = 1) 2.0
Vapor Pressure (mm Hg and Temperature) N/A	Melting Point 1300 deg. F.
Vapor Density (Air = 1) N/A	Evaporation Rate (_____ = 1) 0%
Solubility in Water 0%	Water Reactive 0%

Appearance and Odor Odorless, powdered glass material

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used none	Auto-Ignition Temperature none	Flammability Limits in Air % by Volume none	LEL N/A	UEL N/A
Extinguisher Media none	Special Fire Fighting Procedures none			
Unusual Fire and Explosion Hazards none				

*Optional

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY

- Stable
 Unstable

Conditions
To Avoid

none

Incompatibility
(Materials to Avoid)

none

Hazardous
Decomposition Products

none

HAZARDOUS POLYMERIZATION

- May Occur
 Will Not Occur

Conditions
To Avoid

none

SECTION 5 - HEALTH HAZARD DATA

**PRIMARY ROUTES
OF ENTRY**

- Inhalation
 Skin Absorption
- Ingestion
 Not Hazardous

**CARCINOGEN
LISTED IN**

- NTP
 IARC Monograph
- OSHA
 Not Listed

HEALTH HAZARDSAcute
respiratory tract irritationChronic
damage to blood forming, nervous, urinary, reproductive systemsSigns and Symptoms
of Exposure

eye irritation, coughing, sneezing

Medical Conditions

Generally Aggravated by Exposure Long term exposure to lead may not be detected/use blood level
lead monitoring**EMERGENCY FIRST AID PROCEDURES** - Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact

Flush with water without rubbing eyes

Skin Contact

Wash with water

Inhalation

Call physician

Ingestion

Call physician

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection
(Specify Type)

NIOSH approved dust mask

Protective Gloves

none

Eye Protection

use judgement, avoid getting in eyes

**VENTILATION
TO BE USED** Local Exhaust Mechanical (general)
vent to collector Special
none Other (specify)
noneOther Protective
Clothing and Equipment

change clothing after leaving work area

Hygienic Work
Practices

no eating, drinking in work area, keep area clean, avoid hand/face contact

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If Material
Is Spilled Or Released

Sweep without creating dust cloud

Waste Disposal
Methods

Dispose according to Federal, State and local regulation

Precautions to be Taken
in Handling and Storage

Wear appropriate respirator if OSHA pel is exceeded

Other Precautions and/or Special Hazards

None

NFPA

Rating* Health___ Flammability___ Reactivity___ Special___

HMIS

Rating* Health___ Flammability___ Reactivity___ Personal Protection___