

MATERIAL SAFETY DATA SHEET

Issued: May 1, 1995

PERMATEx INDUSTRIAL
1001 Trout Brook Crossing
Rocky Hill, CT 06067-3910
Phone: (800) 641-7376

Prussian Blue

I. PRODUCT IDENTIFICATION

Product Name:
Item No.:
Part No.:
Product Type: Fitting Compound

II. COMPOSITION

Ingredients	CAS No.	%
Paraffinic hydrocarbon	8009-03-8	80-85
Ferric ferrocyanide	14038-43-8	5-10
Mineral Oil	64742-52-5	1-15
Mineral oil, petroleum distillates	64742-53-6	1-15

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: Not available
Vapor Density: More than 1
Solubility in Water: Insoluble
Specific Gravity: 0.88
Boiling Point: More than 300°F
Volatile Organic Compound (EPA Method 24) 1.12; 96.8 grams per liter
Evaporation Rate (Ether = 1) Not available
pH: Does not apply
Appearance: Blue paste
Odor: Petrolatum

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: More than 200°F Method: Tag Closed Cup
Estimated NFPA Code:
Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0
Specific Hazard: Does not apply
Estimated HMIS Code:
Health Hazard: 1
Flammability Hazard: 1
Reactivity Hazard: 0
Personal Protection: See Section X.
Explosive Limits:
(% by volume in air) Lower: Not available
(% by volume in air) Upper: Not available
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Hazardous Products Formed by Fire or Thermal Decomposition: Carbon monoxide, ammonia, fumes, smoke. At flame temperatures, some toxic cyanides may be formed.
Unusual Fire or Explosion Hazards: None
Compressed Gases: None
Pressure at Room Temp.: Does not apply

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Remove sources of ignition. Scrape up as much as possible. Residue may be cleaned with solvent or soap and water.
Recommended methods of disposal: Incinerate following EPA and local regulations.

VI. STORAGE AND HANDLING PROCEDURES

Safe Storage: Store in cool place away from sources of ignition.
(Contact Lactite Customer Service 1-800-243-4874 for shelf life information)
Handling: Use with normal industrial hygiene practices.

VII. SHIPPING REGULATIONS

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None
Marine Pollutant: None
IATA

Prussian Blue

ITEM NO.	PART NO.	CONTAINER SIZE	ITEM NO.	PART NO.	CONTAINER SIZE
80038	35V	0.75 oz Tube			

VII. SHIPPING REGULATIONS

(continued)

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

VIII. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur.
Hazardous Decomposition: Contact with hot strong oxidizing agents may release HCN. Contact with strong alkalis may release ammonia.
Products (non-thermal): Concentrated acids, strong oxidizers, strong alkalis.
Incompatibility:

IX. EMERGENCY TREATMENT PROCEDURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water.
Eye Contact: Flush at least fifteen minutes with water. Obtain medical attention.

X. PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Oil resistant neoprene or plastic gloves.
Ventilation: Sufficient to maintain vapor concentration of any mists formed below TLV.

XI. HEALTH HAZARD DATA

Toxicity: May cause skin or eye irritation. Prolonged skin exposure may cause dermatitis. Ingestion may cause cramps or diarrhea. Inhalation may cause pulmonary irritation.
Primary Routes of Entry: Skin, ingestion, inhalation.
Signs and Symptoms of Exposure: Irritation of eyes, skin, or pulmonary organs. Cramps or diarrhea.

Existing Conditions Aggravated by Exposure: None known

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Ferric ferrocyanide	10 mg/m3	10 mg/m3 dust	None
Mineral Oil	5 mg/m3 mist	5 mg/m3 resp.	5 mg/m3 mist
Mineral oil, petroleum distillates	5 mg/m3 mist	5 mg/m3 mist	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	
Mineral Oil	10 mg/m3 mist	None	
Mineral oil, petroleum distillates	10 mg/m3 mist	None	

Ingredients for which no Exposure Limits have been established are not listed above.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen NTP IARC OSHA
Paraffinic hydrocarbon	IRR	NO NO NO
Ferric ferrocyanide	No Data	NO NO NO
Mineral Oil	IRR	NO NO NO
Mineral oil, petroleum distillates	IRR	NO NO NO

Abbreviations

IRR Irritant

MATERIAL SAFETY DATA SHEET

Issued: May 1, 1995

PERMATEX INDUSTRIAL
1001 Trout Brook Crossing
Rocky Hill, CT 06067-3910
Phone: (800) 641-7376

Prussian Blue

XII. REGULATORY COMPLIANCE

CA Proposition 65:

No Prop65 chemicals are known to be present.

XIII. PREPARATION INFORMATION

Prepared By:
Title:
Company:
(24hr.) Phone:
Revision Date:

Stephen Repetto
Research Chemist, Environmental Health & Safety
Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
(203) 571-5100
January 03, 1995

Revision: 0022

