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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: PC 35V PRUSSIAN BLUE 22ML TB
Item No: 80518
Product Type: Fitting compound

II. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | Weight% | LD50/oral/rat | LC50/inhalation/rat | ACGIH; TLV-TWA |
|--|---------|---------------|---------------------|---|
| PETROLATUM 8009-03-8 | 75-85 | not available | not available | 5 mg/m ³ TWA (mist); 10 mg/m ³ STEL (mist) ACGIH |
| DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5 | 10-20 | >5000 mg/kg | 2.18 mg/L/4H | |
| FERRIC FERROCYNANIDE 14038-43-8 | <5 | not available | not available | 1 mg/m ³ as Fe TWA ACGIH |

III. PHYSICAL DATA

Physical State/Appearance: Blue paste
Odour & Odour Threshold: Petrolatum
Specific Gravity: 0.88
Evaporation Rate: <1 (butyl acetate = 1)
Vapour Pressure: Not determined
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: >150°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Carbon monoxide, ammonia, smoke.
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected.
Conditions of Flammability: None anticipated.
Flash Point/Range: >95°C COC
Autoignition Temperature: Not determined
Upper Explosive Limit: Not determined
Lower Explosive Limit: Not determined

V. REACTIVITY DATA

Conditions Causing Chemical Instability: None
Materials to avoid: Strong oxidizing agents, Acids, Alkalies
Conditions of Reactivity: None
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide, Ammonia, Hydrogen cyanide

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: None known.
Toxicity Information: (See Effects of Acute Exposure to Product)
Effects of Acute Exposure: May cause eye, skin and respiratory irritation. Ingestion may cause abdominal pain, vomiting. High concentration may cause respiratory irritation and central nervous system depression with dizziness, headache, unconsciousness.
Effects of Chronic Exposure: See (Effects of Acute Exposure to Product).

VI. HAZARDS IDENTIFICATION

Irritancy of Product: Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals. Cramps and diarrhea.

Sensitization to Product: (See Effects of Acute Exposure to Product)

Carcinogenicity: (See Effects of Chronic Exposure to Product)

Reproductive Toxicity: (See Effects of Chronic Exposure to Product)

Teratogenicity: (See Effects of Chronic Exposure to Product)

Mutagenicity: (See Effects of Chronic Exposure to Product)

Toxicologically Synergistic Products: None known

WHMIS Hazard Class: D2B TOXIC MATERIALS

VII. PREVENTATIVE MEASURES

Personal Protection

Eyes: Safety glasses.

Skin: Neoprene or nitrile gloves recommended.

Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product. In case of insufficient ventilation, wear an organic vapor respirator.

Engineering Controls: In case of insufficient ventilation, wear an organic vapor respirator.

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Residues may be cleaned up with soap and water.

Protection of Man and Environment: Follow Canadian and local regulations for disposal.

Handling Procedures and Equipment: Store in a dry area below 35°C. Keep away from sources of ignition and hot surfaces.

Special Handling Information: Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use.

VIII. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

IX. SHIPPING INFORMATION

Canadian Transportation of Dangerous Goods

Proper Shipping Name: Not Regulated

Hazard Class: None

UN/ID No: None

IATA

Proper Shipping Name: Not regulated

Class or Division: None

UN/ID Number: None

IMDG

Proper Shipping: Not regulated

Hazard Class: None

UN Number: None

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0
 HMIS is a registered trademark of the National Paint and Coatings Assn.

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0
 NFPA is a registered trademark of the National Fire Protection Assn.

Prepared By: Denise Boyd, Manager-Environmental, Health & Safety

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Company:
 Permatex Canada, Inc. 8450 Lawson Rd. Unit 1, Milton, ON L9T 0A4

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