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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: PC PIT CREW'S CHOICE LIQUID METAL FILLER 99 GR
Item No: 31865
Product Type: Sealant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
BARIUM SULFATE 7727-43-7	45-55	not available	not available	10 mg/m ³
KAOLIN 1332-58-7	15-25	not available	not available	2 mg/m ³
ACETONE 67-64-1	10-20	5800 mg/kg	not available	500 ppm
COPOLYMER OF VINYL CHLORIDE, VINYL ACETATE AND DICARBONIC ACID 32650-26-3	<10	not available	not available	
ISOBUTYL ACETATE 110-19-0	<7	13400 mg/kg	not available	150 ppm
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	>10000 mg/kg	not available	10 mg/m ³

III. PHYSICAL DATA

Physical State/Appearance: Black liquid
Odour & Odour Threshold: Solvent odour
Specific Gravity: 1.9
Evaporation Rate: <1 (butyl acetate = 1)
Vapour Pressure: 181 mm Hg
Vapour Density: Heavier than air
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: 55°C

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Hazardous Combustion Products: Oxides of carbon, Metal oxides fumes, hydrogen chloride
Sensitivity to Static Discharge: Sensitivity to static discharge is expected; material has a flashpoint less than or equal to 10°C.
Conditions of Flammability: FLAMMABLE: Keep from heat and open flame. Containers may explode if heated.
Flash Point/Range: -15°C
Autoignition Temperature: Not determined
Upper Explosive Limit: 12.8%
Lower Explosive Limit: 2.4%

V. REACTIVITY DATA

Conditions Causing Chemical Instability: Stable under normal conditions of use
Materials to avoid: Strong oxidizers, Acids, Alkalies, Reducing agents
Conditions of Reactivity: Avoid excessive heat, sparks and open flame.
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Acetone: Lung and other respiratory diseases, eye, skin and central nervous system problems

VI. HAZARDS IDENTIFICATION

Toxicity Information: (See Effects of Acute Exposure to Product)

Effects of Acute Exposure: May cause eye, skin and respiratory irritation. High concentration may cause respiratory irritation and central nervous system depression with dizziness, headache, unconsciousness and/or death. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea.

Effects of Chronic Exposure: May cause central nervous system effects. Animals exposed to acetone over long periods of time developed eye and kidney damage.

Irritancy of Product: Overexposure may cause eye or respiratory system irritation; headache, nausea, dizziness, weakness, fatigue, unconsciousness, vomiting, diarrhea, eye redness, tearing, blurred vision.

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: B2 FLAMMABLE LIQUIDS, D2A VERY TOXIC MATERIALS, 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.

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

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

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

Handling Procedures and Equipment: Use with adequate ventilation. Avoid breathing vapours. Use good personal hygiene. Avoid smoking, eating or drinking during use.

Special Handling Information: Store in a cool, dry, well-ventilated area. Keep away from heat, sparks and open flame.

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. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. 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: Adhesives, Limited Quantity

Hazard Class: Class 3; PGII

UN/ID No: UN 1133

IATA (Air)

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)

Class or Division: Class 9

UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Adhesives, Limited Quantity

Hazard Class: Class 3, PG II

UN Number: UN 1133

X. PREPARATION INFORMATION

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0
HMIS is a registered trademark of the National Paint and Coatings Association

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 3, REACTIVITY 0
(NFPA is a registered trademark of the National Fire Protection Association)

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

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METAL FILLER 99 GR

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X. PREPARATION INFORMATION

Company: ITW Permatex Canada. 35 Brownridge Rd. Unit 1, Halton Hills, ON L76 0C6

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