

ITW Permatex Canada
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Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Product Name: PC ULTRA SLICK GRAPHITE LUBRICANT 6 GR
Item No: 31842
Product Type: Lubricant

II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
GRAPHITE 7782-42-5	>60	not available	not available	2 mg/m ³
SILICA, QUARTZ 14808-60-7	<4	500 mg/kg	not available	0.025 mg/m ³

III. PHYSICAL DATA

Physical State/Appearance: Black semi-solid
Odour & Odour Threshold: None
Specific Gravity: 2.26
Evaporation Rate: Does not apply
Vapour Pressure: Nil
Vapour Density: Does not apply
Freezing Point: Not determined
pH: Does not apply
Octanol/Water Coefficient: Not determined
Boiling Point: Does not apply

IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Dry chemical, Water, dry chemical, limestone powder
Hazardous Combustion Products: Oxides of carbon
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected.
Conditions of Flammability: None anticipated.
Flash Point/Range: None
Autoignition Temperature: Not determined
Upper Explosive Limit: Not determined
Lower Explosive Limit: Not determined

V. REACTIVITY DATA

Conditions Causing Chemical Instability: Stable under normal conditions of use
Materials to avoid: Strong oxidizing agents
Conditions of Reactivity: None.
Hazardous Decomposition Products: Carbon oxides

VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation
Existing Conditions Aggravated by Exposure: Individuals with respiratory problems such as emphysema and asthma should avoid inhalation
Toxicity Information: (See Effects of Acute Exposure to Product)
Effects of Acute Exposure: May cause eye and skin irritation. Ingestion may cause abdominal pain, vomiting. May irritate respiratory system upon frequent or prolonged use. This product contains encapsulated metal powder that contains copper and zinc. No exposure to free metal is anticipated. If grinding or machining, wear a NIOSH-approved respirator.
Effects of Chronic Exposure: Prolonged or repeated exposure to dust may cause pulmonary problems..
Irritancy of Product: Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals.
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)

VI. HAZARDS IDENTIFICATION

Teratogenicity: (See Effects of Chronic Exposure to Product)
Mutagenicity: (See Effects of Chronic Exposure to Product)
Toxicologically Synergistic Products: None known
WHMIS Hazard Class: Non-controlled

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: Absorb spill or leak with sand or cloth. Sweep or shovel into an appropriate waste container until disposal. Prevent from entering waterways or sewers.
Protection of Man and Environment: Follow Canadian and local regulations for disposal.
Handling Procedures and Equipment: Keep container closed when not in use.
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: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapours.
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: Not regulated
Hazard Class: None
UN/ID No: None

IATA (Air)

Proper Shipping Name: Not regulated
Class or Division: None
UN/ID Number: None

IMDG (Vessel)

Proper Shipping Name: Not regulated
Hazard Class: None
UN Number: None

X. PREPARATION INFORMATION

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

Estimated NFPA Rating: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0
(NFPA is a registered trademark of the National Fire Protection Association)

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