

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

### I. PRODUCT IDENTIFICATION

Product Name: VALVE GRINDING COMPOUND GRS 115ML  
Item No: 80569  
Product Type: Lubricant

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
PETROLEUM LUBRICATING GREASE (MIXTURE)*	50-60	not available	not available	
SILICON CARBIDE 409-21-2	35-45	not available	not available	10 mg/m <sup>3</sup>

### III. PHYSICAL DATA

Physical State/Appearance: Grey paste  
Odour & Odour Threshold: Mineral oil  
Specific Gravity: 1.31  
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: Not determined

### IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam., DO NOT use water  
Hazardous Combustion Products: Oxides of carbon, sulfur, nitrogen., Oxides of zinc  
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected.  
Conditions of Flammability: Dense smoke.  
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 oxidizers such as hydrogen peroxide, bromine and chromic acid.  
Conditions of Reactivity: High temperatures.  
Hazardous Decomposition Products: Carbon oxides, Hydrogen sulfide

### 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 and skin irritation. Inhaling may cause mild irritation to the nose, throat and respiratory tract.  
Effects of Chronic Exposure: None known.  
Irritancy of Product: 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)

## VI. HAZARDS IDENTIFICATION

**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:** 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:** No special provisions are required under normal conditions. 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.  
**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. If symptoms persist, call a physician.  
**Skin Contact:** Wash with soap and water. Seek medical attention if irritation persists.  
**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 1, PHYSICAL HAZARD 0  
(HMIS is a registered trademark of the National Paint and Coatings Association)

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

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