

Permatex Canada, Inc.  
 8450 Lawson Road, Unit 1  
 Milton, ON Canada L9T 0A4  
 Telephone: 1-87-Permatex  
 (877) 376-2839  
 Urgence: 800-255-3924

## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

**Product Name:** NICKEL ANTI-SEIZE LUBRICANT 1LB BB  
**Item No:** 77164  
**Product Type:** Lubricant

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5	>50	>5000 mg/kg	2.18 mg/L/4H	
NICKEL 7440-02-0	10-20	>9000 mg/kg	not available	1.5 mg/m <sup>3</sup>
GRAPHITE 7782-42-5	5-15	not available	not available	2 mg/m <sup>3</sup>
OXYGENATED ALIPHATIC HYDROCARBON (MIXTURE)	5-15	not available	not available	
ALUMINIUM POWDER 7429-90-5	<2	not available	not available	1 mg/m <sup>3</sup>

### III. PHYSICAL DATA

**Physical State/Appearance:** Grey paste  
**Odour & Odour Threshold:** Petroleum  
**Specific Gravity:** 1.1  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**Vapour Pressure:** <5 mmHg @ 21°C  
**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, Oxides of zinc, Oxides of sulfur, Aldehydes  
**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:** Aluminum: 30%  
**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 monoxide, Carbon dioxide, Oxides of zinc, Oxides of sulfur, Oxides of sodium, Aldehydes

### VI. HAZARDS IDENTIFICATION

**Primary Routes of Exposure:** Eye and skin contact, ingestion, inhalation  
**Existing Conditions Aggravated by Exposure:** Graphitic powder: emphysema, asthma and other respiratory problems..

## **VI. HAZARDS IDENTIFICATION**

<b>Toxicity Information:</b>	<b>(See Effects of Acute Exposure to Product)</b>
<b>Effects of Acute Exposure:</b>	May cause eye, skin and respiratory irritation.
<b>Effects of Chronic Exposure:</b>	None known.
<b>Irritancy of Product:</b>	Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals. Headache, nausea, dizziness, light headedness, staggering gait, giddiness.
<b>Sensitization to Product:</b>	<b>(See Effects of Acute Exposure to Product)</b>
<b>Carcinogenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Reproductive Toxicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Teratogenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Mutagenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Toxicologically Synergistic Products:</b>	None known
<b>WHMIS Hazard Class:</b>	D2B TOXIC MATERIALS

## **VII. PREVENTATIVE MEASURES**

<b>Personal Protection</b>	
<b>Eyes:</b>	Safety glasses.
<b>Skin:</b>	Neoprene or nitrile gloves recommended.
<b>Ventilation:</b>	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.
<b>Engineering Controls:</b>	In case of insufficient ventilation, wear an organic vapor respirator.
<b>Spill Procedures:</b>	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
<b>Protection of Man and Environment:</b>	Follow Canadian and local regulations for disposal.
<b>Handling Procedures and Equipment:</b>	Keep away from sources of ignition and hot surfaces.
<b>Special Handling Information:</b>	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**

<b>Ingestion:</b>	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.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.
<b>Skin Contact:</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
<b>Eye Contact:</b>	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**

<b>Proper Shipping Name:</b>	Not Regulated
<b>Hazard Class:</b>	None
<b>UN/ID No:</b>	None

### **IATA**

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

### **IMDG**

<b>Proper Shipping:</b>	Not regulated
<b>Hazard Class:</b>	None
<b>UN Number:</b>	None

## **X. PREPARATION INFORMATION**

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 0  
NFPA is a registered trademark of the National Fire Protection Assn.

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

**Revision Date:** January 04, 2010

**Product Name: NICKEL ANTI-SEIZE LUBRICANT 1LB  
BB**

**Item No: 77164**

**X. PREPARATION INFORMATION**

**Company:**

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

**Revision Number: 2**

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