



## Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard 29 CFR 1910.1200.

This standard must be consulted for specific requirements.

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name :** ProPEX Grease

**Product Numbers:**

49-08-2400

**Drawing Number:**

58-97-1280

**Issue Date:**

November 2011

**Supersedes Date:**

June, 2010

**Milwaukee Electric Tool Corporation**

13135 West Lisbon Road

Brookfield, Wisconsin 53007

www.milwaukeetool.com

**Company Phone Number:**

262-781-3600 or

1-800-729-3878

**Emergency Contact Number:**

1-800-424-9300

(United States Only)

(Chemtrec)

### EMERGENCY OVERVIEW

- **Appearance/Odor:**  
Semi Solid, Dark Gray, Oil Odor.
- **WARNING:**  
Flammable: N/A
- **Potential Health Effects:** May cause an allergic skin reaction.

HMIS Rating:	Health – 1	Flammability – 0	Reactivity – 0	PPE – B	
Hazard Ratings:	0 = Minimum Hazard	1 = Slight Hazard	2 = Moderate Hazard	3 = Serious Hazard	4 = Severe Hazard
A = Goggles	B = Goggles & Gloves	C = Face Shield, Gloves & Apron	X = Special, See Sections VII & VIII		

### SECTION 2: COMPONENT DATA

<u>Component</u>	<u>CAS #</u>	<u>% by Weight</u>	<u>Limit (TWA)</u>
Petrolatum	8009-03-8	30~40	Not established
Triethanolamine	102-71-6	<1	5 mg/m <sup>3</sup>
Molybdenum Disulfide	1317-33-5	50~601	5 mg/m <sup>3</sup>
Mineral Oil	Trade Secret	5~101	5 mg/m <sup>3</sup> (mist)
Lubricating Additives	Trade Secret	1~5	Not established

### SECTION 3: HAZARDS INFORMATION

**Hazard category:**

Respiratory/Skin Sensitizer - 1

**Allocation of label elements:**

Pictogram – Exclamation point

Signal word – Warning

Hazard statement – May cause an allergic skin reaction

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***SECTION 4: FIRST AID MEASURES***

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**EYE CONTACT:**

Immediately flush eyes with plenty of water for at least 15 minutes.

**SKIN CONTACT:**

Wash with plenty of soap and water.

**INHALATION:**

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a physician if you feel unwell.

**INGESTION:**

Rinse mouth. Do not induce vomiting. Call a physician.

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***SECTION 5: FIRE FIGHTING MEASURES***

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**SUITABLE EXTINGUISHING MEDIA:**

Dry chemical, carbon dioxide (CO<sub>2</sub>), and foam.

**SPECIFIC FIRE FIGHTING:**

On small fire use carbon dioxide (CO<sub>2</sub>) or dry chemical.

On large fire use dry chemical or foam.

Do not approach containers suspected to be hot.

May emit poisonous fumes or corrosive fumes.

**PROTECTION OF FIREFIGHTERS:**

Wear full body protective clothing with breathing apparatus.

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***SECTION 6: ACCIDENTAL RELEASE MEASURES***

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**PERSONAL PRECAUTIONS:**

Ventilate well indoor until disposal is finished.

Wear protective equipments in case of operations.

## **ENVIRONMENTAL PRECAUTIONS:**

Avoid release to the environment.

## **METHODS FOR CLEAN-UP:**

Remove potential ignition source in vicinity as soon as possible.

Prepare extinguishing agent.

Prevent leakage by enclosing with nonflammables and collect into empty container by scoop or the like.

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## ***SECTION 7: HANDLING AND STORAGE***

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### **HANDLING:**

Do not breathe vapor or mist. Do not get in eyes, on skin, or on clothing. Wear protective equipments when risk of exposure occurs. Use in a well ventilated area. Use spark proof tools and explosion proof equipment. Keep away from heat, spark, and flames. Fire prohibited strictly. After handling, wash hands well and face and rinse your mouth. Do not eat, drink, or smoke during work. Avoid physical damage to containers. Keep containers securely sealed when not in use.

### **STORAGE:**

Fire prohibited strictly. Keep away from sources of ignition. Store in a tightly, closed container. Store in a cool, dry, well ventilated area away from incompatible substances. Separate from oxidizing materials. Store in a tightly closed container.

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## ***SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION***

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### **ENGINEERING CONTROLS:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Ventilation fans and other electrical service must be non sparking and have an explosion proof design.

### **PERSONAL PROTECTIVE EQUIPMENT:**

Eye protection - Wear chemical worker's goggles.

Skin protection - Wear chemical protective gloves and protective clothing to prevent skin exposure.

Respiratory protection - In case of insufficient ventilation, wear suitable respiratory equipment.

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## ***SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES***

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<b>Color.....</b>	Dark Gray
<b>Odor.....</b>	Oil odor
<b>Odor Threshold.....</b>	NA
<b>Physical State.....</b>	Semi Solid
<b>pH.....</b>	NA
<b>Freezing Point.....</b>	NA
<b>Boiling Point.....</b>	NA

<b>Flash Point.....</b>	200
<b>Evaporation Rate.....</b>	NA
<b>Flammability (solid,gas).....</b>	NA
<b>Upper Flammability Limit...</b>	NA
<b>Lower Flammability Limit...</b>	NA
<b>Vapor Pressure.....</b>	NA
<b>Vapor Density.....</b>	NA
<b>Specific Gravity.....</b>	NA
<b>Solubility (water).....</b>	1.45
<b>PartitionCoefficient (noctanol/water)</b>	NA
<b>Auto-ignition Temperature...</b>	NA
<b>Percent Volatile, wt. %.....</b>	NA
<b>Volatile Organic Compound (VOC content, wt. %). ....</b>	NA

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## ***SECTION 10: STABILITY AND REACTIVITY***

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<b>Stability:</b>	Stable under normal temperatures and pressures.
<b>Conditions to avoid:</b>	Heat, flames, ignition sources and incompatibles.
<b>Incompatible materials:</b>	Strong oxidizing agents, acids, alkalies.
<b>Hazardous decomposition:</b>	Carbon monoxide, carbon dioxide and other oxidized substances.

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## ***SECTION 11: TOXICOLOGY INFORMATION***

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### **ACUTE EFFECTS:**

**Oral LD<sub>50</sub>** – Not classified  
**Dermal LD<sub>50</sub>** – Not classified  
**Inhalation** – Respiratory sensitizer  
**Eye Irritation** – Not classified  
**Skin Irritation** – Skin sensitizer  
**Sensitization** – Not classified

### **Chronic effect:**

**Carcinogenicity** – Not classified  
**Mutagenicity** – Not classified  
**Reproductive Effects** – Not classified  
**Developmental Effects** – Not classified

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## ***SECTION 12: ECOLOGICAL INFORMATION***

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**Persistence/degradability:** Not classified

**Bioaccumulation/accumulation:** Not classified

**Mobility in environment:** Not classified

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## ***SECTION 13: DISPOSAL CONSIDERATIONS:***

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**WASTE DISPOSAL:** Dispose of contents/container in accordance with local/regional/national/international regulations.

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## ***SECTION 14: TRANSPORTATION INFORMATION***

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**US DOT (GROUND)**

**PROPER SHIPPING DESCRIPTION:** Not determined.

**CANADIAN TDG (GROUND)**

**PROPER SHIPPING DESCRIPTION:** Not determined.

**ICAO (AIR)**

**PROPER SHIPPING DESCRIPTION:** Not determined.

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## ***SECTION 15: REGULATORY INFORMATION***

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**Follow all regulations in your country.**

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## ***SECTION 16: OTHER INFORMATION***

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**References:** JIS Z 7250  
GHS data-base (NITE)

**Prepared by:** Milwaukee Electric Tool Corporation

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