

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Permatherm™ 3  
**Product Number (s):** SL3580-SL3587

Manufactured By: CRC Industries, Inc. (215) 674-4300  
885 Louis Drive, Warminster, PA 18974  
24-Hour Emergency Information: CHEMTREC (800) 424-9300

---

## Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Dinonylnaphthalenesulfonic acid, calcium salt	57855-77-3	NE	NE	NE	1-5
Dialkyldithiophosphate, zinc salt	68442-22-8	NE	NE	NE	1-5
Synthetic Oil	proprietary blend	NE	NE	NE	80-100

---

## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Light amber semi-solid to solid grease with a faint odor.

### Potential Health Effects:

**Inhalation:** Exposure to oil mists or to fumes which may be generated at high temperatures may irritate to nose, throat and upper respiratory tract.  
**Eyes:** Slightly irritating.  
**Skin:** Irritation; repeated or prolonged exposure can result in drying of the skin.  
**Ingestion:** Can cause stomach ache and vomiting.

**Carcinogenicity:** OSHA: No IARC: No NTP: No  
**Chronic Overexposure:** Unknown  
**Medical Conditions Aggravated by Exposure:** Pre-existing skin and pre-respiratory conditions.

---

## Section 4: First Aid Measures

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary.  
**Eyes:** Flush with large amounts of water for 15 minutes.  
**Skin:** Remove contaminated clothing and wash area with soap and water.  
**Ingestion:** Call a physician. Do not induce vomiting.

---

**Section 5: Fire-Fighting Measures**

Flashpoint: >351°F      Method: COC      LEL: ND      UEL: ND  
Extinguishing Media: CO<sub>2</sub>, dry chemical, foam, sand  
Hazardous Combustion Products: CO<sub>2</sub> and carbon monoxide, sulfur  
Fire-fighting Instructions: Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting.

NFPA:      Health:      1      Flammability:      1      Reactivity:      0  
HMIS:      Health:      1      Flammability:      1      Reactivity:      0      PPE:      B

---

**Section 6: Accidental Release Measures**

Spill/Leak Procedures: Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

---

**Section 7: Handling and Storage**

Handling Procedures: Keep away from heat, sparks and open flame. Wash hands after use.

Storage Procedures: Store in a cool, dry area. Do not store near acids or oxidizing materials. Keep out of reach of children.

---

**Section 8: Exposure Controls/Personal Protection**

Engineering Controls: Provide local exhaust adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

---

**Section 9: Physical & Chemical Properties**

Physical State:      Semi-solid      Appearance & Odor:      Light amber with a faint odor  
Specific Gravity:      0.90 @ 61°F      Boiling Point:      ND  
Freezing Point:      ND      Vapor Pressure:      <0.01 mmHg @ 68°F  
Evaporation Rate:      <1      Vapor Density (air = 1)      > 0.5  
pH:      NA      Solubility:      Insoluble in water

Volatile Organic Compounds %:      ND      g/L:      ND      lbs./gal:      ND

## Section 10: Stability and Reactivity

Stability: Stable Hazardous Polymerization: No  
Chemical Incompatibilities: Strong oxidizers, acids  
Conditions to Avoid: None known  
Hazardous Decomposition Products: Oxides of carbon, sulfur

---

## Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

---

## Section 12: Ecological Information

Ecotoxicity: No data available.  
Environmental Fate: No data available for biodegradation.

---

## Section 13: Disposal Considerations

Disposal: This material is a non-hazardous waste under U.S. EPA RCRA regulations. If this material is mixed with other materials, it may become a hazardous waste. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

---

## Section 14: Transportation Information

Shipping Name: Not Regulated  
Hazard Class: NA UN Number: NA Packing Group: NA  
Label: NA Placard: NA  
Special Provisions: NA

---

## Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.  
SARA Title III: Section 311/312: Acute  
Section 313\*: Zinc compounds  
CERCLA/Superfund (RQ): NA  
Extremely Hazardous Substances: No  
California Prop 65: No

\* See section 2 for percentage

---

