

# MSDS Document

## Product Dynatex® 49584 Nickel Anti-Seize & Lubricating Compound

### 1. Chemical Product and Company Identification

**Trade Name of this Product** Dynatex® 49584 Nickel Anti-Seize & Lubricating Compound

**MSDS ID** DYN49584

**Manufacturer**

Dynatex Inc.  
350 Ring Road  
Elizabethtown, KY 42701

**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 7/20/2011

<b>Health:</b>	<b>2</b>
<b>Fire:</b>	<b>1</b>
<b>Reactivity:</b>	<b>0</b>
<b>Specific</b>	<b>PPE: C</b>

### 2. Composition and Information on Ingredients

<b>Ingredient</b>	<b>CAS Number</b>	<b>Weight %</b>	<b>ACGIH TLV</b>	<b>PEL</b>	<b>STEL</b>
Nickel powder	7440-02-0	15% - 20%	1.5 mg/m	1 mg/m	
Graphite powder	7782-42-5	15% - 20%	2.0 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	
Aluminum powder	7429-90-5	1% - 5%	10 mg/m <sup>3</sup> (dust)	Not Est.	
NJTSRN 80100362-5008P	Trade Secret	60% - 70%			
NJTSRN 80100362-5004P	Trade Secret	1% - 5%			
NJTSRN 80100362-5014P	Trade Secret	0.5% - 1%			
NJTSRN 80100362-5002P	Trade Secret	0.1% - 0.5%			

### 3. Hazard Identification

**Symptoms of Overexposure**

May cause irritation to eyes and skin on sensitive individuals.

#### **Existing Conditions Aggravated by Exposure**

Prolonged or repeated contact may produce mild skin irritation and inflammation. Personnel with pre-existing skin disorder should avoid contact.

### **4. First Aid Information**

#### **Eye Contact**

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

#### **Skin Contact**

Wash with soap and water. If irritation occurs, seek medical attention.

#### **Inhalation**

Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

#### **Ingestion**

Do not induce vomiting. Keep warm. Get medical attention.

### **5. Fire Fighting Measures**

<b>Flash Point</b>	425F
<b>FP Method</b>	COC

#### **Extinguishing Media**

Carbon Dioxide, Dry Chemical, Foam

#### **Hazardous Decomposition Products**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Carbon Dioxide  
Carbon Monoxide  
Trace metal oxides

#### **Special Fire Fighting Procedures**

Fight like a fuel oil fire. Cool fire exposed containers with water spray. Use water to keep fire exposed containers cool to prevent pressure build-up. Fire fighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

#### **Unusual Fire or Explosion Hazards**

None known

### **6. Accidental Release Measures**

#### **Steps to be taken in case of spill or release**

Stop flow, scrape, wipe, mop up or absorb with diatomaceous earth or other inert material. Disposal should be in accordance with local, state, and federal regulations.

## 7. Handling and Storage

### Handling

Spills may cause slippery floors. Proper footwear required. Remove contaminated clothing and laundry before reuse. Wash hands with soap and water before eating, drinking or smoking. Discard contaminated leather gloves and shoes.

### Storage

Avoid storage near open flame or other sources of ignition.

## 8. Exposure Controls and Personal Protection

### Eye Protection

Safety goggles or glasses with side shields are recommended.

### Skin Protection

Use neoprene or nitrile rubber gloves to prevent skin contact.

### Respiratory Protection

No special requirements under ordinary conditions of use and with adequate ventilation.

### Other Protective Clothing or Equipment

None under normal use; however, use of solvent resistant aprons or other clothing is recommended. Use of chemically resistant boots is recommended.

### Other Precautions

Have emergency shower and eye wash available.

## 9. Physical and Chemical Properties

<b>Physical State</b>	Soft grease
<b>Specific Gravity</b>	1.18
<b>Color/Appearance</b>	Dark silver
<b>Odor</b>	Petroleum odor
<b>Boiling/Cond. Point</b>	Not applicable
<b>Melting/Freezing Point</b>	Not applicable
<b>Solubility</b>	Insoluble in water
<b>Evaporation Rate</b>	Not applicable
<b>Percent Volatile</b>	None
<b>Vapor Density</b>	Not applicable
<b>Vapor Pressure</b>	Not applicable

### Note

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

## 10. Stability and Reactivity

### Chemical Stability

Stable

**Hazardous Polymerization**

Will not occur

**Materials to Avoid / Incompatibilities**

Keep away from strong oxidizing agents.

**Conditions to Avoid**

Do not heat above flash point. Do not weld.

**11. Toxicological Information****Carcinogens**

IARC concluded that powdered Metallic Nickel is possibly carcinogenic to humans. Not carcinogenic by ingestion. (NIOSH U.S.F.D.A.-GRAS)

**12. Ecological Information****Environmental Fate and Distribution**

Complete information is not yet available.

**Environmental Effects**

Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**

Complete information is not yet available.

**13. Disposal Considerations****Waste Disposal Method**

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations, but contains SARA regulated substances. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

**14. Transportation Information****DOT Hazardous Classification**

Not Regulated

Grease or Oil - N.O.S.

## 15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### **TSCA Status**

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

### **SARA Title III Section 302 Extremely Hazardous Substances**

None

### **SARA Title III Section 304 CERCLA Hazardous Substances**

Nickel Powder (7440-02-0)

### **SARA Title III Section 313 Toxic Chemicals**

Nickel Powder (7440-02-0)

Aluminum Powder (7429-90-5)

### **California Proposition 65**

Nickel Powder (7440-02-0)

### **New Jersey**

Nickel Powder (7440-02-0)

Aluminum Powder (7429-90-5)

### **Pennsylvania**

Graphite Powder (7782-42-5)

Nickel Powder (7440-02-0)

Aluminum Powder (7429-90-5)

## 16. Other Information

### **Disclaimer**

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.