

# MSDS Document

## Product Dynatex® 49558 Anti-Seize & Lubricating Compound

### 1. Chemical Product and Company Identification

**Trade Name of this Product** Dynatex® 49558 Anti-Seize & Lubricating Compound

**MSDS ID** DYN49558

**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

Health:	1
Fire:	1
Reactivity:	1
Specific	PPE: B

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Distillates, hydrotreated heavy paraffinic	64742-54-7	50% - 60%	5 mg/m3	5 mg/m3	10 mg/m3
Graphite powder	7782-42-5	1% - 5%	2.0 mg/m3	2.5 mg/m3	
Aluminum powder	7429-90-5	1% - 5%	10 mg/m3 (dust)	Not Est.	
NJTSRN 80100362-5012P	Trade Secret	15% - 20%			
NJTSRN 80100362-5013P	Trade Secret	15% - 20%			
NJTSRN 80100362-5018P	Trade Secret	0.5% - 1%			

### 3. Hazard Identification

**Primary Routes of Entry**

Ingestion

**Skin Contact**

Prolonged or repeated contact may cause mild skin irritation and inflammation.

#### **Symptoms of Overexposure**

May cause irritation to eyes and skin on sensitive individuals.

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

Skin contact with this product will aggravate any existing skin irritations.

### **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 affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation develops.

#### **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>	420F
<b>FP Method</b>	ASTM D92 COC

#### **Extinguishing Media**

Carbon Dioxide, Dry Chemical, Foam

#### **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

#### **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

### **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 launder 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 respiratory protection should be needed with good local ventilation.

### **Other Protective Equipment**

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin exposure.

### **Hygiene Measures**

Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

## 9. Physical and Chemical Properties

<b>Physical State</b>	Paste
<b>Specific Gravity</b>	1.1
<b>Color/Appearance</b>	Soft aluminum
<b>Odor</b>	Petroleum odor
<b>Boiling/Cond. Point</b>	Not applicable
<b>Melting/Freezing Point</b>	None
<b>Solubility</b>	Insoluble in water
<b>Evaporation Rate</b>	Not applicable
<b>Percent Volatile</b>	0% by volume
<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 / Incompatibility**

Avoid contact with strong oxidizing agents.

#### **Conditions to Avoid**

Do not heat above flash point. Do not weld.

### **11. Toxicological Information**

#### **Component Toxicology Information**

No known applicable information.

#### **Special Hazard Information on Components**

No known applicable information.

#### **Carcinogenicity**

This product is not known to be a carcinogen.

### **12. Ecological Information**

#### **Environmental Fate and Distribution**

Complete information is not yet available.

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

Complete information is not yet available.

#### **Environmental Effects**

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. 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 Road Shipment Information**

Not subject to DOT.

**Air Shipment (IATA)**

Not subject to IATA regulations.

**Ocean Shipment (IMDG)**

Not subject to IMDG code.

## **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**

None

**SARA Title III Section 313 Toxic Chemicals**

Aluminum (7429-90-5)

**California Proposition 65**

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

None known

**New Jersey**

Aluminum (7429-90-5)

**Pennsylvania**

Aluminum (7429-90-5)

Graphite (7782-42-5)

## **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.