

MSDS Document

Product Dynatex® 49501 Anti-Seize & Lubricating Compound

1. Chemical Product and Company Identification

Trade Name of this Product Dynatex® 49501 Anti-Seize & Lubricating Compound

MSDS ID DYN49501

Manufacturer

Dynatex Inc.
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 12/22/2009

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
Calcium carbonate	1317-65-3	10% - 20%	10 mg/m3	5 mg/m3	
Magnesium silicate	14807-96-6	10% - 20%			
Aluminum	7429-90-5	1% - 5%	10 mg/m3	5 mg/m3	
Graphite powder	7782-42-5	1% - 5%	2.0 mg/m3	2.5 mg/m3	
Polyisobutylene	9003-27-4	0.2% - 2%			
Amorphous silica	7631-86-9	1% - 2%	10 mg/m3	6 mg/m3	Not Est.

3. Hazard Identification

Primary Routes of Entry

Eye contact, ingestion, skin contact

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

Flash Point	420F
FP Method	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

Physical State	Paste
Specific Gravity	1.1
Color/Appearance	Soft aluminum
Odor	Petroleum odor
Boiling/Cond. Point	Not applicable
Melting/Freezing Point	None
Solubility	Insoluble in water
Evaporation Rate	Not applicable
Percent Volatile	Not applicable
Vapor Density	Not applicable
Vapor Pressure	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.

Sensitizer

This product is not known to be a sensitizer.

Mutagenicity

This product is not known to be a mutagen.

Reproductive Toxin

This product is not known to be a reproductive toxin.

Teratogenicity

This product is not known to be a teratogen.

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 to 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.