

MSDS Document

Product Dynatex® 49576 Anti-Seize & Lubricating Compound

1. Chemical Product and Company Identification

Trade Name of this Product Dynatex® 49576 Anti-Seize & Lubricating Compound

MSDS ID DYN49576

Manufacturer

Dynatex Inc.
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 7/23/2008

Health:	1
Fire:	4
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
n-Hexane	110-54-3	35 %	50 ppm	50 ppm	1000 ppm
Propane	74-98-6	13 %	1000 ppm	1000 ppm PEL	
Butane	106-97-8	12 %	800 ppm	800 ppm TWA	
Aluminum	7429-90-5	1 %	10 mg/m3	5 mg/m3	
Graphite powder	7782-42-5	1 %	2.0 mg/m3	2.5 mg/m3	

3. Hazard Identification

Eye Contact

Liquid or vapor can cause moderate to severe irritation.

Skin Contact

Contact may dry the skin; prolonged contact may cause moderate irritation. Not easily absorbed through the skin. Solvent action can dry and defat the skin causing the skin to crack, leading to dermatitis.

Inhalation

Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired coordination.

Ingestion

Not a likely route of exposure. If swallowed, seek immediate medical advice and/or attention.

Existing Conditions Aggravated by Exposure

No known applicable information.

4. First Aid Information**Eye Contact**

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

Skin Contact

Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

Inhalation

Move affected person to fresh air; if breathing is difficult, administer oxygen; if breathing has stopped, give artificial respiration. Get medical attention.

Ingestion

DO NOT INDUCE VOMITING. Seek immediate medical attention.

5. Fire Fighting Measures

Flash Point	-156F
FP Method	Estimated
LEL	1.2
UEL	9.5

Extinguishing Media

Carbon dioxide, water fog (or spray), dry chemical, foam

Special Fire Fighting Procedures

Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

6. Accidental Release Measures**Steps to be taken in case of spill or release**

Avoid breathing vapors. Ventilate area. Remove all ignition sources of ignition. Clean up

area absorbent material and place in closed containers for disposal.

Dispose of in accordance with local, state and federal regulations.

Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

7. Handling and Storage

Handling

Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

Storage

Store and use in cool, well-ventilated areas. Vapors may cause flash fire. Keep away from heat, sparks, and flame. Do not store above 120F. Do not store in basements.

Other Precautions

Small pressurized containers of flammable products may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements.

8. Exposure Controls and Personal Protection

Eye Protection

None under normal use; however, use of safety glasses with splash guards or full face shield is recommended.

Skin Protection

None under normal use; however, use of solvent resistant gloves is recommended for prolonged or repeated contact.

Ventilation

Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

Respiratory Protection

None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air-line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

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.

Work/Hygienic Practices

Eye washes and safety showers in the work place are recommended.

Note

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

9. Physical and Chemical Properties

Physical State	Aerosol
Specific Gravity	0.71
Boiling/Cond. Point	-40F to 144F
Solubility	Insoluble in water
Evaporation Rate	Slower than ether
Vapor Density	Heavier than air

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

Conditions to Avoid

Application to hot surfaces. Storage above 120F. Exposure to open flame.

Materials to Avoid / Incompatibility

Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products

May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and other toxic fumes.

11. Toxicological Information

NIOSH - Selected LD50s and LC50s

Hexane (110-54-3)

LC50	Rat	4 hour	Not Available
LD50	Rat	4 hour	28,700 mg/kg

Propane (74-98-6)

LC50	Rat	4 hour	Not Available
LD50	Rat	4 hour	Not Available

Butane (106-97-8)

LC50	Rat	4 hour	Not Available
LD50	Rat	4 hour	Not Available

Carcinogenicity

This product is not known to be a carcinogen.

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

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

n-Hexane (110-54-3)

SARA Title III Section 313 Toxic Chemicals

Aluminum (7429-90-5)

n-Hexane (110-54-3)

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)

Butane (106-97-8)

Hexane (110-54-3)

Propane (74-98-6)

Pennsylvania

Aluminum (7429-90-5)

Butane (106-97-8)

Graphite (7782-42-5)

Hexane (110-54-3)

Propane (74-98-6)

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.