

# MSDS Document

## Product Dynatex® 49678 Battery Terminal Protector

### 1. Chemical Product and Company Identification

**Trade Name of this Product** Dynatex® 49678 Battery Terminal Protector

**Synonyms:** 2596449678

**MSDS ID** DYN49678

**Manufacturer**

Dynatex Inc.  
350 Ring Road  
Elizabethtown, KY 42701

**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 8/18/2009

<b>Health:</b>	<b>1</b>
<b>Fire:</b>	<b>4</b>
<b>Reactivity:</b>	<b>0</b>
<b>Specific</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>
Heptane	142-82-5	30 %	400 ppm	400 ppm	500 ppm
Butane	106-97-8	10 %	800 ppm	800 ppm TWA	
Propane	74-98-6	10 %	1000 ppm	1000 ppm PEL	
Mineral Oil	8042-47-5	10 %			

### 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.

**Ingestion**

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

attention.

**Inhalation**

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

**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.

**Inhalation**

Remove individual to fresh air. Give oxygen if breathing is labored. If breathing has stopped give artificial respiration. Keep person warm, quiet and seek medical attention.

**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.

**5. Fire Fighting Measures**

<b>Flash Point</b>	-156F
<b>FP Method</b>	Estimated
<b>LEL</b>	1.2
<b>UEL</b>	9.5

**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.

**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.

**Extinguishing Media**

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**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

Use with adequate ventilation. To prevent vapor build-up, open doors and windows or use in an explosion-proof exhaust hood to ensure fresh air exchange during and after use. Do not breathe vapor, gas, or spray mist. When using, do not eat, drink, or smoke. Avoid contact with eyes, skin and clothing. Wear protective equipment. Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Empty containers retain product residues; follow label warnings even after can is emptied. Do not puncture or incinerate (burn) can. Do not stick pin, nail or other sharp object into opening on top of can. Do not spray in eyes. 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.

## 8. Exposure Controls and Personal Protection

### Eye Protection

Use of safety glasses with splash guards or full face shield is recommended.

### Skin Protection

Solvent resistant gloves required for prolonged or repeated contact.

### Respiratory Protection

Avoid breathing vapors. Use with adequate ventilation equal to out of doors. 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.

### 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.

### Other Protective Clothing or Equipment

Use of solvent resistant aprons or other clothing is recommended.

### Other Precautions

Have emergency shower and eye wash available.

## 9. Physical and Chemical Properties

Physical State

Aerosol

<b>Specific Gravity</b>	0.75
<b>Boiling/Cond. Point</b>	-44F to 611F
<b>Solubility</b>	Nil
<b>Evaporation Rate</b>	Slower than ether
<b>Vapor Density</b>	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

**Hazardous Decomposition Products**

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

**Hazardous Polymerization**

Will not occur

**Materials to Avoid / Incompatibility**

Avoid contact with strong oxidizing agents.

**Conditions to Avoid**

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

**Chemical Stability**

Stable

## 11. Toxicological Information

**Special Hazard Information on Components**

No known applicable information.

**Component Toxicology Information**

No known applicable information.

**Carcinogenicity**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

## 12. Ecological Information

**Environmental Effects**

Complete information is not yet available.

**Environmental Fate and Distribution**

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. 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

None

### SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

### 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

Heptane (142-82-5)

Propane (94-98-6)

Butane (106-97-8)

### Pennsylvania

Heptane (142-82-5)

Propane (94-98-6)

Butane (106-97-8)

## 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.