



Safety Data Sheet

Dynatex® 49678 Battery Terminal Protector

Section 1. Identification

Product Identifier Dynatex® 49678 Battery Terminal Protector
Synonyms 49678CL10
Manufacturer Stock
Numbers 49678CL10

Recommended use Refer to Technical Information
Uses advised against Refer to Technical Information

Manufacturer Contact
Address Dynatex a division of Soudal Accumetric
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 769-6418

Section 2. Hazards Identification

Classification ACUTE TOXICITY - DERMAL - Category 5
ACUTE TOXICITY - ORAL - Category 5
ASPIRATION HAZARD - Category 2
CARCINOGENICITY - Category 2
EYE DAMAGE/IRRITATION - Category 2B
FLAMMABLE AEROSOLS - Category 1
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Danger

Pictogram



Hazard Statements

Causes eye irritation
Extremely flammable aerosol
May be harmful if swallowed and enters airways
May be harmful if swallowed
May be harmful in contact with skin
May cause drowsiness or dizziness
Suspected of causing cancer.

Precautionary Statements

Response

Do NOT induce vomiting.
If exposed or concerned: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Do not handle until all safety precautions have been read and understood.
Do not spray on an open flame or other ignition source.
Keep away from heat.
Obtain special instructions before use.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

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

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Additional Information None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
100-41-4	Ethyl benzene	1% - 10%
1330-20-7	Xylene	10% - 20%

74-98-6	Propane	20% - 40%
67-64-1	2-Propanone	20% - 40%
8042-47-5	Mineral Oil	5% - 10%
64742-47-8	Distillates, petroleum, hydrotreated light	5% - 10%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

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	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.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon Dioxide, Dry Chemical, Foam
Unsuitable Extinguishing Media	None known
Flammability (per flame projection)	Flammable
Special Fire Fighting Procedures	Full protective equipment including self-contained breathing apparatus should be use. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to keep cool closed containers to prevent build-up and possible auto-ignition or explosion when exposed to extreme heat.. Use proper equipment to protect personnel form bursting containers.
Unusual Fire and Explosions Hazards	Contents under pressure. Do not expose to temperatures exceeding 120F as containers may vent, rupture or burst.

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release	Soak up spilled liquid with absorbent material. Place in closed metal drum for proper disposal.
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Section 7. Handling and Storage

Handling	Ensure good ventilation/exhaust at the work place. Keep ignition sources away - do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 122F/50C (ex: electric lights). Do not pierce or burn container, even after use. Do not spray on a naked flame or any incandescent material. DO NOT SMOKE WHILE USING THIS PRODUCT.
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Storage	Do not store at temperatures above 120F. Do not puncture or incinerate containers. Keep out of reach of children. Store in accordance with NFPA 30B for Level 3 Aerosols.
Other Precautions	Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL STEL	
	Ethyl benzene	100 ppm	100 ppm	125 ppm
	Xylene	100 ppm	100 ppm	150 ppm
	Propane	1000 ppm TWA	1000 ppm PEL	N/A
	2-Propanone	500 ppm TWA	1000 ppm TWA	750 ppm
	Mineral Oil	TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction	TWA: 5 mg/m ³ 8 hours.	10 mg/m ³ 15 minutes. Form: Mist
	Distillates, petroleum, hydrotreated light	N/A	N/A	N/A
Personal Protective Equipment	N/A			
Eye Protection	Safety goggles or glasses with side shields are recommended.			
Skin Protection	Wear protective gloves.			
Ventilation	Local exhaust ventilation is recommended to maintain vapor level below TLV.			
Respiratory Protection	Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.			
Other Precautions	Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.			
Note	These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.			

Section 9. Physical and Chemical Properties

Physical State	Aerosol spray
Color	Dark purple opaque liquid
Odor	Solvent
Odor Threshold	N/A
Solubility	Insoluble in water
Partition coefficient Water/n-octanol	N/A

VOC%	45%
Viscosity	Not established
Specific Gravity	0.75
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	-4F -20C concentrate
FP Method	Estimated
Ph	Not applicable
Melting Point	N/A
Boiling Point	Not established
Boiling Range	N/A
LEL	1.2
UEL	9.5
Evaporation Rate	N/A
Flammability	Flammable
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not established
Vapor Density	N/A

Note

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

Section 10. Stability and Reactivity

Chemical Stability	Stable
Hazardous polymerization	Will not occur
Materials to Avoid	Avoid contact with strong oxidizers.
Conditions to Avoid	Open flames; Temperatures above 120F
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide

Section 11. Toxicological Information

Chronic Effects of Methylene Chloride Exposure	<p>Exposure to Methylene Chloride can raise the level of carbon monoxide in the blood causing cardiovascular stress.</p> <p>Methylene chloride has been shown to cause cancer in laboratory animals. IARC and NTP have listed it as a possible carcinogen.</p> <p>There is inadequate information to associate methylene chloride exposure during pregnancy with harm to the fetus.</p>
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Overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: liver abnormalities, lung damage.

Inhalation of high concentrations of vapor is harmful and may cause heart irregularities, unconsciousness or death. Vapor reduces oxygen available for breathing and is heavier than air. Inhalation may cause nervous system depression, dizziness, headache, loss of consciousness, temporary alteration of the hearts electrical activity with irregular pulse, palpitations or poor circulation.

Aspiration of material into the lungs can cause chemical pneumonitis, which can be fatal.

Section 12. Ecological Information

Fate and Effects in Waste Water Treatment Plants Complete information is not yet available.
Environmental Effects Complete information is not yet available.
Environmental Fate and Distribution Complete information is not yet available.

Section 13. Disposal

Waste Disposal Methods Dispose of in accordance with local, state and federal regulations. Wrap container in newspaper and place in trash.

Section 14. Transport Information

UN Number 1950
UN Proper Shipping Name Aerosols, flammable
DOT Classification 2.1
Packing Group Not applicable
IATA UN Number UN1950
UN proper shipping name Aerosols, flammable (ACETONE, HEPTANE)
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable
Environmental hazards No
Other information
Passenger and cargo aircraft Allowed
Cargo aircraft only Allowed
IMDG UN Number UN1950
UN proper shipping name Aerosols, flammable (ACETONE, HEPTANE)
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1

Packing group Not applicable
Environmental hazards
Marine Pollutant Yes

Section 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	Methyl Alcohol (67-56-1) Methylene Chloride (75-09-2)
SARA Title III Section 313 Toxic Chemicals	Methyl Alcohol (67-56-1) Methylene Chloride (75-09-2)
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: Methylene chloride (75-09-02)
New Jersey	Methyl Alcohol (67-56-1) Methylene Chloride (75-09-2)
Pennsylvania	Methyl Alcohol (67-56-1) Methylene Chloride (75-09-2)

Section 16. Other Information

Revision Date 12/22/2015

Disclaimer The data contained herein is based upon information that Soudal Accumetric 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.