1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code 89227
Product name Electric Varniseal
Recommended Use Coating
Supplier Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
(847)-827-9666

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Aggravated Medical Conditions None Known.
Principal Routes of Exposure Inhalation. Eyes. Skin contact.

Potential health effects

<table>
<thead>
<tr>
<th>Component</th>
<th>Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Repeated or prolonged exposure may cause:. Skin Irritation. Redness. Itching. Burning sensation.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Repeated or prolonged exposure may cause the following effects. Headaches. Dizziness. Nausea. Upper respiratory tract irritation. Central nervous system effects. Loss of coordination. Extreme overexposure may cause. Possible unconsciousness. Death. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed.</td>
</tr>
</tbody>
</table>

3. COMPOSITION/INFORMATION ON INGREDIENTS
### 4. FIRST AID MEASURES

**Eye contact**
Flush with plenty of water for at least 15 minutes. Seek medical attention.

**Skin contact**
Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.

**Ingestion**
Do not induce vomiting. Immediate medical attention is required.

**Inhalation**
Remove from exposure. Restore breathing. Keep warm and quiet.

### 5. FIRE FIGHTING MEASURES

**Flash point °C**
< -17

**Flash point °F**
< 0

**Method**
No information available

**Autoignition temperature °C**
No data available

**Autoignition temperature °F**

**Flammability Limits (% in Air)**
- **Upper**
  12.8
- **Lower**
  1.0

**Specific Information for Aerosol Products**

- **Flame extension**
  Unknown
- **Flashback**
  Unknown

**Suitable extinguishing media**
Carbon dioxide (CO2). Dry chemical. Foam.

**Extinguishing media which must NOT be used for safety reasons**
No information available.

**Special Fire-Fighting Procedures**
Avoid breathing of vapors. Avoid skin and eye contact. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**Fire and Explosion Hazards**
During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Water spray may be ineffective. If water is used, fog nozzles are preferable. Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.
6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling
Keep in a well-ventilated place. Turn off other sources of ignition prior to use and until all vapors have dissipated. Vapors may accumulate readily and may ignite explosively. Remove all sources of ignition. Keep away from open flame. Do not smoke. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Ground and bond containers when transferring material. Contents under pressure. Do not puncture or incinerate. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

Storage
Store in temperatures below 120 degrees F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL (TWA)</th>
<th>OSHA PEL (Ceiling)</th>
<th>ACGIH OEL (TWA)</th>
<th>ACGIH OEL (STEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>1000 ppm</td>
<td>-</td>
<td>500 ppm</td>
<td>750 ppm</td>
</tr>
<tr>
<td></td>
<td>2400 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toluene</td>
<td>200 ppm</td>
<td>300 ppm</td>
<td>50 ppm</td>
<td>-</td>
</tr>
<tr>
<td>Xylene (mix)</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>150 ppm</td>
</tr>
<tr>
<td></td>
<td>435 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>1000 ppm</td>
<td>-</td>
<td>1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>1800 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butane</td>
<td>800 ppm</td>
<td>-</td>
<td>1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4</td>
<td>-</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100 ppm</td>
<td>-</td>
<td>100 ppm</td>
<td>125 ppm</td>
</tr>
<tr>
<td></td>
<td>435 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ventilation and Environmental Controls
Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits. Local: recommended. General: as necessary.

Hygiene measures
Wash hands before breaks and immediately after handling the product.

Personal protective equipment
Other precautions
Avoid contact with the skin and the eyes. This coating may contain materials classified as nuisance particulates (listed as dust in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust) or 5 mg/m³ (respirable fraction). Removal of old paint by sanding, scraping, or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as properly fitted respirator (NIOSH approved) and proper containment and clean-up. For more information call the National Lead Information Center at 1-800 424 LEAD in U.S. Or contact your local health authority.

Respiratory protection
If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. None required unless sanding or abrading.

Hand protection
Gloves are not required in normal use. The following gloves are recommended for prolonged or repeated contact: chemical resistant gloves.

Eye protection
Wear safety glasses with side shields.

Skin and body protection
No information available

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Form</th>
<th>Aerosol</th>
<th>Color</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>No information available</td>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
<td>Specific Gravity</td>
<td>0.77</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>Vapor density</td>
<td>&gt;Air</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&gt;1 (ether = 1)</td>
<td>VOC Content</td>
<td>64 %</td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
<td>Partition Coefficient (n-octanol/water)</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point/range °C</td>
<td>&lt; -18 - 144</td>
<td>Melting point/range °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point °F</td>
<td>&lt; 0</td>
<td>Flash point °C</td>
<td>&lt; -17</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

Stability
Stable.

Conditions to avoid
None known.

Materials to avoid
None.

Hazardous decomposition products
Carbon dioxide. Carbon monoxide.
Polymerization
Will not occur.

Synergistic Products
No information available.

11. TOXICOLOGICAL INFORMATION

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 (oral, rat)</th>
<th>LD50 (dermal, rat/rabbit)</th>
<th>LC50 (inhalation, rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone 67-64-1</td>
<td>5800 mg/kg</td>
<td>-</td>
<td>44 g/m³ 50100 mg/m³</td>
</tr>
<tr>
<td>Toluene 108-88-3</td>
<td>636 mg/kg</td>
<td>14100 µL/kg</td>
<td>400 mg/kg 49 g/m³</td>
</tr>
<tr>
<td>Xylene (mix) 1330-20-7</td>
<td>4300 mg/kg</td>
<td>1700 mg/kg</td>
<td>5000 ppm</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>- fabric</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Butane 106-97-8</td>
<td>- fabric</td>
<td>-</td>
<td>680 g/m³</td>
</tr>
<tr>
<td>Ethyl benzene 100-41-4</td>
<td>3500 mg/kg</td>
<td>17800 µL/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Potential health effects

Sensitization
No information available.

Chronic toxicity
No information available.

Mutagenic effects
No information available.

Teratogenic effects
No information available

Reproductive toxicity
No information available

Target Organ Effects
No information available

Carcinogenic effects
See table below
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH OEL - Carcinogens</th>
<th>IARC</th>
<th>NTP - Known Carcinogens</th>
<th>NTP - Suspected Human Carcinogens</th>
<th>OSHA RTK Carcinogens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>A4 - Not Classifiable as a Human Carcinogen</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Toluene</td>
<td>A4 - Not Classifiable as a Human Carcinogen</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Xylene (mix)</td>
<td>A4 - Not Classifiable as a Human Carcinogen</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propane</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Butane</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>A3 - Confirmed animal carcinogen with unknown relevance to humans</td>
<td>Group 2B</td>
<td>-</td>
<td>-</td>
<td>Listed</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

**Aquatic toxicity**

**Acetone**

*Water Flea Data*
- water flea LC50=0.0039 mg/L (48 h)
- water flea EC50=12700 mg/L (48 h)

**Toluene**

*Microtox Data*
- Photobacterium phosphoreum EC50=19.7 mg/L (30 min)

*Water Flea Data*
- water flea EC50=11.3 mg/L (48 h)
- water flea EC50=310 mg/L (48 h)

**Xylene (mix)**

*Microtox Data*
- Photobacterium phosphoreum EC50=0.0084 mg/L (24 h)

*Water Flea Data*
- water flea EC50=3.82 mg/L (48 h)

**Ethyl benzene**

*Microtox Data*
- Photobacterium phosphoreum EC50=9.68 mg/L (30 min)

*Water Flea Data*
- water flea EC50=2.1 mg/L (48 h)
13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products
Dispose in accordance with federal, state, and local regulations.

Disposal Information
As supplied, this product is a RCRA Hazardous Waste. Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not puncture or incinerate. Depressurize before disposal.

14. TRANSPORT INFORMATION

DOT
Consumer commodity (Ethyl benzene, Toluene, Xylenes (isomers and mixture), Acetone), ORM-D, RQ

TDG
AEROSOLS (Acetone, Toluene), Class 2.1, UN1950, PG

IMDG/IMO
Aerosols (Acetone, Toluene), UN1950, PG

IATA
Aerosols, flammable (Acetone, Toluene), UN1950
Hazard Class 2.1

MEX
UN1950 Aerosols (Acetone, Toluene), 2.2,

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>US EPA SARA 313 Emission Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>Listed</td>
</tr>
<tr>
<td>Xylene (mix)</td>
<td>Listed</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>Listed</td>
</tr>
</tbody>
</table>

State Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey - RTK</th>
<th>Pennsylvania - RTK</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>Listed</td>
<td>Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Toluene</td>
<td>Listed</td>
<td>Listed</td>
<td>Developmental</td>
</tr>
<tr>
<td>Xylene (mix)</td>
<td>Not Listed</td>
<td>Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Propane</td>
<td>Listed</td>
<td>Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Butane</td>
<td>Listed</td>
<td>Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>Listed</td>
<td>Listed</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

International Inventories
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EINECS</th>
<th>DSL</th>
<th>NDSL</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Toluene</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Xylene (mix)</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Propane</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Butane</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

**CPRC**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

**16. OTHER INFORMATION**

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>-</td>
</tr>
<tr>
<td>Flammability</td>
<td>-</td>
</tr>
<tr>
<td>Reactivity</td>
<td>-</td>
</tr>
</tbody>
</table>

**Health**

Health 2

**Flammability**

Flammability 4

**Reactivity**

Physical Hazard 0

**Reason for revision**

No information available.

**Prepared By**

T. Heidorn, MSDS Project Lead

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.