



Revision Date 01-Mar-2005

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

Emergency Overview

Flammable. Irritant.

Color Red

Odor No information available

Form Aerosol

Aggravated Medical Conditions None Known.

Principal Routes of Exposure Inhalation. Eyes. Skin contact.

Potential health effects

Eyes Irritation. Redness. Itching. Burning sensation.

Skin Repeated or prolonged exposure may cause: Skin Irritation. Redness. Itching. Burning sensation.

Inhalation 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.

Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propane	74-98-6	10-30
Butane	106-97-8	10-30
Toluene	108-88-3	15-40
Ethyl benzene	100-41-4	1-5
Xylene (mix)	1330-20-7	10-30
Acetone	67-64-1	10-30

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.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

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

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Acetone	1000 ppm 2400 mg/m ³	-	500 ppm	750 ppm
Toluene	200 ppm	300 ppm	50 ppm	-
Xylene (mix)	100 ppm 435 mg/m ³	-	100 ppm	150 ppm
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4	-
Butane	800 ppm	-	1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4	-
Ethyl benzene	100 ppm 435 mg/m ³	-	100 ppm	125 ppm

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 2m, 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) , 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

Form	Aerosol	Color	Red
Odor	No information available	Odor Threshold	No information available
pH	No data available	Specific Gravity	0.77
Vapor pressure	No data available	Vapor density	>Air
Evaporation Rate	>1 (ether = 1)	VOC Content	64 %
Water solubility	No data available	Partition Coefficient (n-octanol/water)	No data available
		Boiling point/range °C	< -18 - 144
Boiling point/range °F	< 0 - 292	Melting point/range °C	No data available
Melting point/range °F	No data available	Flash point °C	< -17
Flash point °F	< 0		

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**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Acetone</i> 67-64-1	5800 mg/kg	-	44 g/m ³ 50100 mg/m ³
<i>Toluene</i> 108-88-3	636 mg/kg	14100 µL/kg	400 mg/kg 49 g/m ³
<i>Xylene (mix)</i> 1330-20-7	4300 mg/kg	1700 mg/kg	5000 ppm
<i>Propane</i> 74-98-6	-	-	-
<i>Butane</i> 106-97-8	-	-	658 g/m ³ 680 g/m ³
<i>Ethyl benzene</i> 100-41-4	3500 mg/kg	17800 µL/kg	-

Potential health effects**Sensitization**

No information available.

Mutagenic effects

No information available.

Reproductive toxicity

No information available

Carcinogenic effects

See table below

Chronic toxicity

No information available.

Teratogenic effects

No information available

Target Organ Effects

No information available

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Acetone	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
Toluene	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
Xylene (mix)	A4 - Not Classifiable as a Human Carcinogen	-	-	-	-
Propane	-	-	-	-	-
Butane	-	-	-	-	-
Ethyl benzene	A3 - Confirmed animal carcinogen with unknown relevance to humans	Group 2B	-	-	Listed

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

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed
Xylene (mix)	Listed
Ethyl benzene	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Listed	Listed	Not Listed
Toluene	Listed	Listed	Developmental
Xylene (mix)	Not Listed	Listed	Not Listed
Propane	Listed	Listed	Not Listed
Butane	Listed	Listed	Not Listed
Ethyl benzene	Listed	Listed	Carcinogen

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Acetone	X	X	-	X
Toluene	X	X	-	X
Xylene (mix)	X	X	-	X
Propane	X	X	-	X
Butane	X	X	-	X
Ethyl benzene	X	X	-	X

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

NFPA		HMIS	
Health	-	Health	2
Flammability	-	Flammability	4
Reactivity	-	Physical Hazard	0

Reason for revision

No information available.

Prepared By

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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.