



Chemical Name: Spray Paint, Black

Manufacturer: Lawson

Container size: 12 oz.

Location: VLA

Disposal: Place empty container in trash.



Material Safety Data Sheet

Revision Date 30-Sep-2010

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 87166
Product name Flat Black Enamel
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

Extremely flammable. Irritating to eyes. Irritating to respiratory system.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Eyes. Inhalation.

Potential health effects

Eyes Contact with eyes may cause irritation.
Skin No adverse affects expected.
Inhalation Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain damage. Repeated or prolonged exposure may cause the following effects. Kidney damage. Lung damage. Cardiac abnormalities. Damage to blood. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.
Ingestion No adverse affects expected

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ethyl benzene	100-41-4	0.1-1
Propane	74-98-6	10-30
Toluene	108-88-3	5-10
N-Butane	106-97-8	5-10

Light Aliphatic Naptha Solvent	64742-89-8	3-7
PM Acetate	108-65-6	1-5
Methyl Propyl Ketone	107-87-9	1-5
Isobutyl acetate	110-19-0	1-5
Ethylene glycol monopropyl ether	2807-30-9	1-5
Carbon Black	1333-86-4	0.1-1
Acetone	67-64-1	15-40

4. FIRST AID MEASURES

Eye contact Remove to fresh air. Rinse thoroughly with plenty of water, also under the eyelids. Seek medical attention if irritation persists.
Skin contact Wash area thoroughly with soap and water. Remove and wash contaminated clothing before re-use.
Ingestion Call a physician or Poison Control Center immediately.
Inhalation Move to fresh air. If symptoms persist, call a physician.

5. FIRE FIGHTING MEASURES

Flash point °C -19
Flash point °F -2
Method No information available
Autoignition temperature °C Product is not self-igniting
Autoignition temperature °F
Flammability Limits (% in Air)
Upper 10.9%
Lower 1.7%

Suitable extinguishing media
Carbon dioxide (CO₂). Water spray. Alcohol-resistant foam. Sand.

Special protective equipment for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Fire and Explosion Hazards
Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F. Vapors may form explosive mixture in air between upper and lower explosive limits which can be ignited by many sources, such as pilot lights, open flames, electrical motors and switches.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Evacuate area of unprotected and unnecessary personnel. Ventilate area to maintain exposure below permissible exposure limits. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE**Handling**

Do not spray on a naked flame or any other incandescent material. Protect against electrostatic charges. Do not smoke.

Storage

Observe pressurized container storage regulations. Consult with local authorities..

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm	-
Toluene	200 ppm	300 ppm	20 ppm	-
N-Butane	-	-	1000 ppm	-
Light Aliphatic Naptha Solvent	-	-	-	-
PM Acetate	-	-	-	-
Methyl Propyl Ketone	200 ppm 700 mg/m ³	-	-	150 ppm
Isobutyl acetate	150 ppm 700 mg/m ³	-	150 ppm	-
Ethylene glycol monopropyl ether	-	-	-	-
Ethyl benzene	100 ppm 435 mg/m ³	-	100 ppm	125 ppm
Carbon Black	3.5 mg/m ³	-	3.5 mg/m ³	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product.

Respiratory protection

None necessary under normal conditions. Use NIOSH approved respirator if TLV limit is exceeded.

Hand Protection

Protective gloves. Impervious gloves.

Eye protection

Tightly fitting safety goggles.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Black
Odor	Aromatic
Odor Threshold	No information available
pH	No data available
Specific Gravity	0.77-0.85
Vapor pressure	40 PSI, 2750 hPa
Density	0.78 g/cm ³ @ 20°C (68°F)
Vapor density	No data available
Evaporation Rate	No data available
Water solubility	No data available
Solids content	20%
MIR value	1.04
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	-44
Boiling point/range °F	-47
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	-19
Flash point °F	-2

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Do not store in temperatures above 120 degrees F.

Incompatibility

None known.

Hazardous Decomposition Products

None known.

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Acetone 67-64-1	5800 mg/kg	-	-
Propane 74-98-6	-	-	658 mg/L
Toluene 108-88-3	636 mg/kg	12124 mg/kg 8390 mg/kg	12.5 mg/L 26700 ppm
N-Butane 106-97-8	-	-	658 mg/L
Light Aliphatic Naphtha Solvent 64742-89-8	-	3000 mg/kg	-
PM Acetate 108-65-6	8532 mg/kg	5000 mg/kg	-
Methyl Propyl Ketone 107-87-9	1600 mg/kg	6500 mg/kg	-
Isobutyl acetate 110-19-0	13400 mg/kg	5000 mg/kg	-
Ethylene glycol monopropyl ether 2807-30-9	3089 mg/kg	960 µL/kg	-
Ethyl benzene 100-41-4	3500 mg/kg	15354 mg/kg	17.2 mg/L
Carbon Black 1333-86-4	15400 mg/kg	3 g/kg	-

Synergistic Products None known

Potential health effects

Sensitization	None known
Chronic toxicity	None known
Mutagenic effects	None known
Teratogenic effects	None known
Reproductive toxicity	None known
Target Organ Effects	See Section 2
Carcinogenic effects	See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Acetone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Toluene	Listed	Not Listed	Not Listed	Not Listed	Not Listed
N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Light Aliphatic Naphtha Solvent	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Methyl Propyl Ketone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Isobutyl acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Ethylene glycol monopropyl ether	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Ethyl benzene	Listed	Group 2B	Not Listed	Not Listed	Listed
Carbon Black	Listed	Group 2B	Not Listed	Not Listed	Listed

12. ECOLOGICAL INFORMATION

Acetone

Microtox Data

Photobacterium phosphoreum EC50=14500 mg/L (15 min)

Water Flea Data

water flea hEC50 48 (0.0039 mg/L)

water flea hEC50 48 (12700 mg/L)

Daphnia magna hEC50 48 (12600 mg/L)

water flea hEC50 48 (0.0039 mg/L)

Toluene

Microtox Data

Photobacterium phosphoreum EC50=19.7 mg/L (30 min)

Water Flea Data

water flea hEC50 48 (11.3 mg/L)

water flea hEC50 48 (310 mg/L)

Daphnia magna hEC50 48 (11.3 mg/L)

water flea hEC50 48 (11.3 mg/L)

PM Acetate

Water Flea Data

Daphnia magna hEC50 48 (>500 mg/L)

Isobutyl acetate

Water Flea Data

Daphnia magna hEC50 24 (168 mg/L)

Ethyl benzene

Microtox Data

Photobacterium phosphoreum EC50=9.68 mg/L (30 min)

Nitrosomonas EC50=96 mg/L (24 h)

Water Flea Data

Daphnia magna hEC50 48 (1.8 - 2.4 mg/L)

Carbon Black

Water Flea Data

Daphnia magna hEC50 24 (>5600 mg/L)

Aquatic toxicity

Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwater

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

Dispose in accordance with federal, state, and local regulations. Do not puncture or incinerate. Please recycle empty container whenever possible.

Product code **87166**

Product name **Flat Black Enamel**

14. TRANSPORTATION INFORMATION

DOT

Consumer commodity, ORM-D

TDG

Consumer commodity, ORM-D

IMDG/IMO

UN1950 Aerosols, flammable, 2.1

IATA

ID8000 Consumer commodity, 9

MEX

UN1950 Aerosols, flammable, 2.1

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed
Ethyl benzene	Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Not Listed	Not Listed	Not Listed
Propane	Listed	Listed	Not Listed
Toluene	Listed	Listed	Developmental
N-Butane	Not Listed	Listed	Not Listed
Light Aliphatic Naptha Solvent	Not Listed	Not Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed
Methyl Propyl Ketone	Not Listed	Listed	Not Listed
Isobutyl acetate	Listed	Listed	Not Listed
Ethylene glycol monopropyl ether	Not Listed	Not Listed	Not Listed
Ethyl benzene	Listed	Listed	Carcinogen
Carbon Black	Not Listed	Listed	Carcinogen

WARNING: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm

Chemical Name	EINECS	DSL	NDSL	TSCA
Acetone	X	X	-	X
Propane	X	X	-	X
Toluene	X	X	-	X
N-Butane	X	X	-	X
Light Aliphatic Naptha Solvent	X	X	-	X
PM Acetate	X	X	-	X
Methyl Propyl Ketone	X	X	-	X
Isobutyl acetate	X	X	-	X
Ethylene glycol monopropyl ether	X	X	-	X
Ethyl benzene	X	X	-	X
Carbon Black	X	X	-	X

CPR

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

Health - 1
 Flammability - 4
 Reactivity - 3

HMIS

Health - 1
 Flammability - 4
 Physical Hazard - 3

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.