Chemical Name: Ford Blue Spray Paint

Manufacturer: Lawson

Container size: 16oz.

Location: VLA

Disposal: Place empty container in trash.

LAWSON
PRODUCTS, INC.

Material Safety Data Sheet

Revision Date *03-Mar-2011*

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 53376
Product name High Solids Ford Engine Blue Spray Paint
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. Irritant.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Eyes. Inhalation.

Potential health effects

Eyes Exposure to vapors will cause the following effects. Irritation. Swelling.

Skin Exposure to vapors will cause the following effects. Skin Irritation.

Inhalation Exposure to vapors will cause the following effects. Irritation of the nose or throat. Central nervous system effects. Dizziness. Headaches. Fatigue. Nausea. Extreme overexposure may cause. Kidney damage. Lung damage. Liver damage. Cardiac abnormalities. Damage to blood . 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 %
Acetone	67-64-1	10-30
Propane	74-98-6	10-30
Toluene	108-88-3	10-30
N-Butane	106-97-8	7-13
Isobutyl acetate	110-19-0	3-7
Ethylene glycol monopropyl ether	2807-30-9	1-5
Methylisobutyl ketone	108-10-1	1-5
Titanium dioxide	13463-67-7	1-5
PM Acetate	108-65-6	0.5-1.5

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 1.5

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. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Do not flush with water or aqueous cleansing agents. Use diluted caustic solution . Soak up with inert absorbent material. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

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

Storage
Small pressurized containers of flammable product may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements. Keep away from heat. Keep away from direct sunlight. Do not freeze.

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	-
Isobutyl acetate	150 ppm 700 mg/m^3	-	150 ppm	-
Ethylene glycol monopropyl ether	-	-	-	-
Methylisobutyl ketone	100 ppm 410 mg/m^3	-	50 ppm	75 ppm
Titanium dioxide	15 mg/m^3 total	-	10 mg/m^3	-
PM Acetate	-	-	-	-

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
Chemical resistant gloves. Consult glove manufacturer to determine the proper type for a specific operation.

Eye protection
Tightly fitting safety goggles.

Skin and body protection
None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Blue
Odor	Solvent
Odor Threshold	No information available
pH	No data available
Specific Gravity	0.77-0.85
Vapor pressure	40 PSI @ 70 F
Density	0.76030 g/cm³ @ 20°C (68°F)
Vapor density	No data available
Evaporation Rate	No data available
Water solubility	No data available
VOC Content	60.6%; 569 g/l; 4.75 lb/gl
Solids content	19.7%
MIR value	1.39
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
Ignition temperature °C	365
Ignition temperature °F	689

10. STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

Conditions to avoid
Do not store in temperatures above 120 degrees F.

Incompatability
None known.

Hazardous Decomposition Products
None known.

Polymerization
Hazardous polymerization does 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
Isobutyl acetate 110-19-0	13400 mg/kg	5000 mg/kg	-
Ethylene glycol monopropyl ether 2807-30-9	3089 mg/kg	960 µL/kg	-
Methylisobutyl ketone 108-10-1	2080 mg/kg	16000 mg/kg	8.2 mg/L
Titanium dioxide 13463-67-7	10000 mg/kg	-	-
PM Acetate 108-65-6	8532 mg/kg	5000 mg/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 Reports have associated prolonged overexposure to solvents with permanent brain and nervous system damage. Prolonged or repeated occupational overexposure may affect the following:. Kidney. Lungs. Liver. Heart. Blood.

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
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
Methylisobutyl ketone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Titanium dioxide	Listed	Group 2B	Not Listed	Not Listed	Listed
PM Acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not 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)

Isobutyl acetate
Water Flea Data
Daphnia magna hEC50 24 (168 mg/L)

Methylisobutyl ketone
Microtox Data
Photobacterium phosphoreum EC50=79.6 mg/L (5 min)
Water Flea Data
water flea hEC50 24 (4280.0 mg/L)
Daphnia magna hEC50 48 (170 mg/L)
water flea hEC50 24 (4280.0 mg/L)

PM Acetate
Water Flea Data
Daphnia magna hEC50 48 (>500 mg/L)

13. DISPOSAL CONSIDERATIONS

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

DOT
Consumer commodity, ORM-D

TDG
UN1950 AEROSOLS, flammable, 2.1

15. REGULATORY INFORMATION

US EPA SARA 313

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed
Methylisobutyl ketone	Listed

State Regulations

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
Isobutyl acetate	Listed	Listed	Not Listed
Ethylene glycol monopropyl ether	Not Listed	Not Listed	Not Listed
Methylisobutyl ketone	Listed	Listed	Not Listed
Titanium dioxide	Not Listed	Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Acetone	X	X	-	X
Propane	X	X	-	X
Toluene	X	X	-	X
N-Butane	X	X	-	X
Isobutyl acetate	X	X	-	X
Ethylene glycol monopropyl ether	X	X	-	X
Methylisobutyl ketone	X	X	-	X
Titanium dioxide	X	X	-	X
PM Acetate	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 H. Buck, Regulatory Affairs Manager

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.