



Chemical Name: Yellow Spray Paint

Manufacturer: Lawson

Container size: 12 oz.

Location: VLA

Disposal: Place empty container in trash.



Material Safety Data Sheet

Revision Date 09-Apr-2008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code 97453
Product name Lawson Stencil Ink -Yellow
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.

Color Yellow

Odor Solvent

Form Aerosol

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. Drowsiness . 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	30-60
Propane	74-98-6	7-13
Calcium Carbonate	1317-65-3	5-10
N-Butane	106-97-8	5-10
PM Acetate	108-65-6	1-5
Acetyl Tributyl Citrate	77-90-7	1-5
Toluene	108-88-3	1-5
Methyl ethyl ketone	78-93-3	1-5
Isopropyl acetate	108-21-4	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	1.7

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. 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

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
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm	-
Calcium Carbonate	15 mg/m ³ total 5 mg/m ³	-	-	-
N-Butane	-	-	1000 ppm	-
PM Acetate	-	-	-	-
Acetyl Tributyl Citrate	-	-	-	-
Toluene	200 ppm	300 ppm	20 ppm	-
Methyl ethyl ketone	200 ppm 590 mg/m ³	-	200 ppm	300 ppm
Isopropyl acetate	250 ppm 950 mg/m ³	-	100 ppm	200 ppm

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.

Personal protective equipment

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol	Color	Yellow
Odor	Solvent	Odor Threshold	No information available
pH	No data available	Specific Gravity	0.77-0.85
Vapor pressure	40 PSI	Vapor density	No data available
Evaporation Rate	No data available	Density	0.80308 g/cm ³ @ 20°C (68°F)
VOC Content	29.6%; 489.1 g/l; 4.08 lb/gl	Solids content	19.8%
Water solubility	No data available	Partition Coefficient (n-octanol/water)	No data available
MIR value	0.60		
		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.

Incompatibility

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	5800 mg/kg	5800 mg/kg
Propane 74-98-6	658 mg/L	658 mg/L	658 mg/L
Calcium Carbonate 1317-65-3	-	-	-
N-Butane 106-97-8	658 mg/L	658 mg/L	658 mg/L
PM Acetate 108-65-6	8532 mg/kg 5000 mg/kg	8532 mg/kg 5000 mg/kg	8532 mg/kg 5000 mg/kg

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Acetyl Tributyl Citrate</i> 77-90-7	-	-	-
<i>Toluene</i> 108-88-3	12.5 mg/L 12124 mg/kg 636 mg/kg 8390 mg/kg 26700 ppm	12.5 mg/L 12124 mg/kg 636 mg/kg 8390 mg/kg 26700 ppm	12.5 mg/L 12124 mg/kg 636 mg/kg 8390 mg/kg 26700 ppm
<i>Methyl ethyl ketone</i> 78-93-3	2737 mg/kg 32 g/m ³ 6480 mg/kg	2737 mg/kg 32 g/m ³ 6480 mg/kg	2737 mg/kg 32 g/m ³ 6480 mg/kg
<i>Isopropyl acetate</i> 108-21-4	6750 mg/kg 20000 mg/kg	6750 mg/kg 20000 mg/kg	6750 mg/kg 20000 mg/kg

Synergistic Products

None known

Potential health effects**Sensitization**

None known

Mutagenic effects

None known

Reproductive toxicity

None known

Chronic toxicity

None known

Teratogenic effects

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	A4 - Not Classifiable as a Human Carcinogen	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Calcium Carbonate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Acetyl Tributyl Citrate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Toluene	A4 - Not Classifiable as a Human Carcinogen	Not Listed	Not Listed	Not Listed	Not Listed
Methyl ethyl ketone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Isopropyl 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 EC50=0.0039 mg/L (48 h)

Daphnia magna EC50=12600 mg/L (48 h)

water flea EC50=12700 mg/L (48 h)

PM Acetate

Water Flea Data

Daphnia magna EC50>500 mg/L (48 h)

Toluene

Microtox Data

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

Water Flea Data

Daphnia magna EC50=11.3 mg/L (48 h)

water flea EC50=11.3 mg/L (48 h)

water flea EC50=310 mg/L (48 h)

Methyl ethyl ketone

Microtox Data

Photobacterium phosphoreum EC50=3403 mg/L (30 min)

Photobacterium phosphoreum EC50=3426 mg/L (5 min)

Water Flea Data

Daphnia magna EC50=5091 mg/L (48 h)

water flea EC50=520 mg/L (48 h)

Isopropyl acetate

Water Flea Data

Daphnia magna EC50=1260 mg/L (24 h)

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.

Waste from residues / unused products

No information available

14. TRANSPORT INFORMATION

DOT

Consumer commodity, ORM-D

TDG

UN1950 AEROSOLS, flammable, 2.1

IMDG/IMO

14. TRANSPORT INFORMATION

UN1950 Aerosols, flammable, 2.1

IATA

UN1950 Aerosols, flammable, 2.1

MEX

UN1950 Aerosols, flammable, 2.1

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Toluene	Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Acetone	Listed	Listed	
Propane	Listed	Listed	Not Listed
Calcium Carbonate	Not Listed	Listed	
N-Butane	Not Listed	Listed	Not Listed
PM Acetate	Not Listed	Not Listed	Not Listed
Acetyl Tributyl Citrate	Not Listed	Not Listed	Not Listed
Toluene	Listed	Listed	Developmental
Methyl ethyl ketone	Listed	Listed	Not Listed
Isopropyl acetate	Listed	Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Acetone	X	X	-	X
Propane	X	X	-	X
Calcium Carbonate	X	-	X	X
N-Butane	X	X	-	X
PM Acetate	X	X	-	X
Acetyl Tributyl Citrate	X	X	-	X
Toluene	X	X	-	X
Methyl ethyl ketone	X	X	-	X
Isopropyl acetate	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	1	Health	1

16. OTHER INFORMATION

Flammability	4	Flammability	4
Reactivity	3	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.