



Material Safety Data Sheet

Revision Date 07-Feb-2013

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 92825
Product name Blue Layout Fluid
Recommended Use Coating

Supplier Lawson Products, Inc.
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

May cause irritation of respiratory tract. Irritating to eyes. Vapors may cause flash fire or explosion.

Aggravated Medical Conditions

None Known

Principal Routes of Exposure

Skin contact. Skin absorption. Inhalation. Eyes.

Potential health effects

Eyes Exposure to vapors or mists may cause the following effects: Irritation. Pain. Tearing. Reddening. Swelling. Stinging sensation. Feeling like that of fine dust in the eye.

Skin Repeated or prolonged exposure may cause: Defatting. Skin Irritation. Dermatitis. Chronic exposure causes drying effect on the skin.

Inhalation Harmful by inhalation. Long-term exposure may cause the following effects: Headaches. Dizziness. Nausea. Decreased blood pressure. Changes in heart rate. Cyanosis. Extreme overexposure may cause. Central nervous system damage. Kidney damage. Lung damage.

Ingestion Harmful or fatal if swallowed. Can burn mouth, throat, and stomach. Severe tissue damage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
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Methyl ethyl ketone	78-93-3	40-70
Propane/Isobutane/N-Butane	68476-86-8	10-30
VM&P Naphtha	8032-32-4	7-13
Dock Resin	Mixture	10-30

4. FIRST AID MEASURES

Eye contact Flush eyes with plenty of water. Seek medical attention if irritation persists.

Skin contact Wash area thoroughly with soap and water. Remove and wash contaminated clothing before re-use. Seek medical attention immediately.

Ingestion Seek medical attention immediately. Do Not induce vomiting. Give victim a glass of water or milk. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Immediate medical attention is required.

5. FIRE FIGHTING MEASURES

Flash point °C -104
Flash point °F -156
Method Pensky-Martens C.C.

Autoignition temperature °C Not Applicable
Autoignition temperature °F Not Applicable

Flammability Limits (% in Air)
Upper 11.5
Lower 1.0

Suitable extinguishing media

Water fog. Dry chemical. Carbon dioxide (CO2). Foam.

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.

Special Fire-Fighting Procedures

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

Vapors are heavier than air and may travel along the ground to an ignition source distant from material handling area. Possible ignition sources include pilot lights, flames, lighted cigarettes, heating elements, electric motors, sparks from electrical switches. Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Place in suitable container for disposal as hazardous waste.

7. HANDLING AND STORAGE**Handling**

Thoroughly wash hands and exposed skin after handling. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing. Avoid breathing vapors from heated material. Use only according to label directions. Keep in a well-ventilated place.

Storage

Containers exposed to extreme heat may burst. Keep away from heat and sources of ignition. Do not freeze.

NFPA Storage Code

Store as Level 3 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Methyl ethyl ketone	200 ppm 590 mg/m ³	-	200 ppm	300 ppm
Propane/Isobutane/N-Butane	-	-	-	N/D
VM&P	-	-	-	-
Naphtha	-	-	-	-
Dock Resin	-	-	-	-

Ventilation and Environmental Controls

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area. Use in a well ventilated area.

Hygiene measures

Wash hands before eating or using the washroom. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Protection provided by air purifying respirators is limited. Use a positive pressure supplied air respirator. If there is any potential for an uncontrolled release: where exposure levels are not known, or other circumstances where an air purifying respirator (P100) may not provide adequate protection.

Hand Protection

For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves.

Eye protection

ANSI approved safety glasses or splash goggles with face shield are recommended.

Skin and body protection

Rubber or plastic boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Blue
Odor	Solvent
Odor Threshold	No information available
pH	Not Applicable
Specific Gravity	0.7298
Vapor pressure	4396 mm Hg
Vapor density	>Air
Evaporation Rate	>1 (Butyl Acetate = 1)
Water solubility	Partly soluble
VOC Content	87.4%; 636 gm/liter; 5.31 lbs/gal
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	-41 - 141
Boiling point/range °F	-43 - 287
Melting point/range °C	0
Melting point/range °F	32
Flash point °C	-104
Flash point °F	-156

10. STABILITY AND REACTIVITY**Stability**

Stable under recommended storage conditions.

Conditions to avoid

Avoid sources of ignition. Avoid open flames. Do not use near welding arcs.

Product code **92825**Product name **Blue Layout
Fluid****Incompatibility**

Strong acids. Alkalies. Oxidizers. Amines.

Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx). Chlorides. Chlorine. phosgene.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal ,rat/rab bit)	LC50 (inhalation,rat)
Methyl ethyl ketone 78-93-3	2737 mg/kg	6480 mg/kg	-
Propane/Isobutan e/N-Butane 68476-86-8	-	-	-
VM&P Naphtha 8032-32-4	-	-	3400 ppm
Dock Resin Mixture	-	-	-

Synergistic Products None known**Potential health effects**

Sensitization None known

Chronic toxicity See Section 2 .

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 - Carcinoge ns	IARC	NTP - Known Carcinoge ns	NTP - Suspected Human Carcinoge ns	OSHA RTK Carcinoge ns
Methyl ethyl ketone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane/Isob utane/N- Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
VM&P Naphtha	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Dock Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**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* EC504025 - 6440 mg/L (48 h)*Daphnia magna* EC50=5091 mg/L (48 h)*Daphnia magna* EC50>520 mg/L (48 h)**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Consumer commodity, ORM-D

TDG

UN1950 AEROSOLS, flammable, 2.1

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Methyl ethyl ketone	Listed	Listed	Not Listed
Propane/Isobutane/N- Butane	Not Listed	Not Listed	Not Listed
VM&P Naphtha	Not Listed	Listed	Not Listed
Dock Resin	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Methyl ethyl ketone	X	X	-	X
Propane/Isobutane/N- Butane	X	X	-	X
VM&P Naphtha	X	X	-	X
Dock Resin	-	-	-	-

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

Product code **92825**

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Fluid**

16. OTHER INFORMATION

HMIS

Health - 3

Flammability - 4

Physical Hazard - 0

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.