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SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION (N/A)																

**Product Name:** Valve Action Paint Marker – Brown, Purple, White, Yellow, Red, Black, Orange, Blue, Green, Gold, Light Green, Pink, Aluminum, Light Blue

**Chemical Family:** Mixture

**Manufacturer Name:** La-Co Industries, Inc./Markal Company

**Address:** 1201 Pratt Boulevard  
Elk Grove Village, IL.  
60007-5746

**General Use:** Marker for metal, wood, glass, plastic, rubber, cardboard and paper.

**Business Phone:** (847) 956-7600

**Business Fax:** (847) 956-9885

**CHEMTREC Numbers:**

**For emergencies in the US, call CHEMTREC: 800-424-9300**

**Revision Date:** November 1, 2005  
Supersedes: March 4, 2005

**Trade Names:** Valve Action® Paint Marker – Brown, Purple, White, Yellow, Red, Black, Orange, Blue, Green, Gold, Light Green, Pink, Aluminum, Light Blue


**Protective Clothing:** Wear gloves if skin contact with the paint is likely

EC Classification: Not Dangerous

WHMIS (Canada): Not Controlled

Transportation: Not Regulated

**Product Codes:** 96809 (brown), 96817 (purple), 96820, 96800 (white), 96821, 96801 (yellow), 96822, 96802 (red), 96823, 96803 (black), 96824, 96807 (orange), 96825, 96805 (blue), 96826, 96806 (green), 96827 (gold), 96828 (light green), 96830 (pink), 96835 (light blue), 96832, 96804 (aluminum)

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS	: (N/A)
-----------------------------------------------------	---------

Ingredient Name	CAS#	Ingredient Percent
For All Colors: Solvent naphtha (petroleum)		
EINECS: ELINCS: 265-191-7		20 – 30% by Weight
EC Index Number: 1		
Hazard Symbols: Xn		
Risk Phrases: R65		
For All Colors: Stoddard Solvent		
EINECS: ELINCS: 232-489-3		10 – 20% by Weight
EC Index Number: 1		
Hazard Symbols: T		
Risk Phrases: R45; R65		
For All Colors: Ligroine (VM&P Naphtha)		
EINECS: ELINCS: 8032-32-4		10 – 30% by Weight

EINECS: EC Index Number: Hazard Symbols: Risk Phrases:	ELINCS: 232–453–7 1 T R45; R65	
For All Colors: Xylene	1330–20–7	5 – 10% by Weight
EINECS: EC Index Number: Hazard Symbols: Risk Phrases:	ELINCS: 215–535–7 1 Xn R10; R20/21; R38	
For All Colors: Ethylbenzene	100–41–4	1 – 5% by Weight
EINECS: EC Index Number: Hazard Symbols: Risk Phrases:	ELINCS: 202–849–4 1 F; Xn R11; R20	
Color–specific ingredients: Copper (Gold marker only)	7440–50–8	10 – 15% by Weight
EINECS: EC Index Number: Hazard Symbols: Risk Phrases:	ELINCS: 231–159–6 1 None None	
Color–specific ingredients: 2–methoxy–1–methylethyl acetate (Light Green marker only)	108–65–6	1 – 5% by Weight
EINECS: EC Index Number: Hazard Symbols: Risk Phrases:	ELINCS: 203–603–9 1 Xi R10; R36	

## Comments:

Hazardous/Dangerous Ingredients.  
Note: See Section 8 of this MSDS for exposure limit data for these ingredients.  
See Section 16 for the full text of the R-phrases above.


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## SECTION 3 : HAZARDS IDENTIFICATION

: (N/A)

Physical State:	Marker containing less than 10 mL of paint.
Color:	Various colored.
Odor:	Organic solvent odor.
	Preparation Hazards and Classification: USA: This product is not a hazardous material as defined by 29 CFR1910.1200, OSHA Hazard Communication Evaluation. This product meets the definition of an "article".  Canada: This is not a controlled product under WHMIS. This product meets the definition of a "manufactured article" and is not subject to the regulations of the Hazardous Products Act.  European Communities (EC): This product is not classified as dangerous according to Directive 1999/45/EC and its amendments. This product contains a small amount of a liquid preparation which contains dangerous ingredients however, there is no expected release of the liquid during use of the product and there is a barrier preventing exposure of the user and the environment.
<b><u>Applies to All Ingredients :</u></b>	
Route of Exposure:	The paint inside the marker contains components which are considered hazardous by inhalation of vapors and skin contact.
Potential Health Effects:	ACUTE (short term): See Section 8 for exposure controls.
Eye Contact:	Not an expected route of exposure. Liquid and vapors can irritate the eyes.
Skin Contact:	Normal use of marker will not result in harmful effects. Contact with the paint may be harmful to the skin; may be absorbed through the skin.
Inhalation:	Inhalation of vapors is not expected with normal use of the marker.
Ingestion:	Not an expected route of exposure.


Chronic Health Effects:	CHRONIC (long term): See Section 11 for additional toxicological data.  Normal use of this marker is not expected to result in chronic effects.  Chronic overexposure through abuse may cause injury to the kidneys and liver, cause damage to the red blood cells and may cause cancer.
Chronic Skin Contact:	Prolonged or repeated contact with the skin may result in defatting and drying of skin and may result in dermatitis.
Aggravation of Pre-Existing Conditions:	Preexisting skin, eye and respiratory disorders may be aggravated by over-exposure to this product. Impaired central nervous system functions from preexisting disorders may be aggravated by over-exposure to this product.

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#### SECTION 4 : FIRST AID MEASURES

: (N/A)


Eye Contact:	If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the chemical is removed. If irritation persists, obtain medical advice.
Skin Contact:	If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.
Inhalation:	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
Ingestion:	If irritation or discomfort occurs, obtain medical advice immediately.

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#### SECTION 5 : FIRE FIGHTING MEASURES

: (N/A)


Fire:	Flammability Limits (%): Not available
Flash Point:	23 deg C (73 deg F)
Auto Ignition Temperature:	(Deg C): Not available
Extinguishing Media:	For small fires, use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. For large fires, use carbon dioxide, dry chemical powder, alcohol-resistant foam or polymer foam. Firefighting foams are the extinguishing agent of choice for most flammable liquid fires. Use water spray to cool fire-exposed containers.
Hazardous Combustion Byproducts:	Combustion may produce toxic and irritating gases.
Fire Fighting Instructions:	Self-contained breathing apparatus and protective clothing should be worn. Vapors may accumulate and travel to ignition sources distant from the handling site. Remove all unauthorized personnel.
Sensitivity to Impact:	Sensitivity to mechanical impact: Not available.
Static Discharge Effects:	Sensitivity to static discharge: Vapor may be ignited by a static discharge.
Unusual Fire Hazards:	Paint is a Flammable Liquid. Flashpoint = 23 deg C (73 deg F).

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#### SECTION 6 : ACCIDENTAL RELEASE MEASURES

: (N/A)


Personal Precautions:	Wear protective equipment and ventilate the area.
Spill Cleanup Measures:	Shut off or extinguish all sources of ignition. Immediately soak spilled material with water. Soak up spill with absorbent material which does not react with spilled chemical. Put material in suitable, covered, labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product.  Methods for Containment: Stop the leak if it is safe to do so. Contain spilled paint with earth, sand, or absorbent material which does not react with spilled material.
Environmental Precautions:	Prevent the paint from entering sewers or waterways.

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#### SECTION 7 : HANDLING and STORAGE

: (N/A)

Handling:	Avoid breathing vapors. Do not ingest. Avoid contact with skin and eyes. Keep away from children. Do not smoke while handling this material.
Storage:	Store in a cool, dry area, out of direct sunlight and away from heat and ignition sources. Keep containers tightly closed when not in use.
Hygiene Practices:	Avoid breathing vapors. Avoid contact with skin and eyes. Keep container tightly closed when not in use. Keep out of reach of children. Do not smoke while handling this material. Wash hands after handling.

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## SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

: (N/A)

Engineering Controls:	Provide adequate ventilation to keep vapor concentrations below the exposure limits listed below.
Skin Protection Description:	If skin contact is likely wear protective gloves. Butyl rubber protective gloves are best in situations where there may be prolonged contact.
Eye/Face Protection:	Not required for normal use.
Protective Clothing/Body Protection:	Protective Clothing: Wear gloves if skin contact with the paint is likely.
Respiratory Protection:	Not required for normal use. NIOSH approved respirator for organic vapors in high vapor concentrations.
Other Protective:	Not required.
Exposure Limits:	<p>Ingredient: Solvent naphtha (petroleum)  Ontario (Canada) TWAEV: None listed  UK OEL (8-hr. TWA): Not available</p> <p>Ingredient: Stoddard Solvent  Ontario (Canada) TWAEV: 525 mg/m3  UK OEL (8-hr. TWA): Not available</p> <p>Ingredient: Ligroine (VMPNaphtha)  Ontario (Canada) TWAEV: None listed  UK OEL (8-hr. TWA): Not available</p> <p>Ingredient: Xylene  Ontario (Canada) TWAEV: 100 ppm (435 mg/m3); 150 ppm (650 mg/m3) STEV  UK OEL (8-hr. TWA): 100 ppm (441 mg/m3); 150 ppm STEL, Skin</p> <p>Ingredient: Ethylbenzene  Ontario (Canada) TWAEV: 100 ppm (435 mg/m3); 125 ppm (540 mg/m3) STEV  UK OEL (8-hr. TWA): 100 ppm (441 mg/m3); 125 ppm (552 mg/m3) STEL</p> <p>Ingredient: Copper (Gold marker only)  Ontario (Canada) TWAEV: 1 mg/m3 (dusts and mists, as Cu)  UK OEL (8-hr. TWA): 1 mg/m3; 2 mg/m3 STEL (Dusts and mists as Cu)</p> <p>Ingredient: 2-methoxy-1-methylethyl acetate (Light Green marker only)  Ontario (Canada) TWAEV: 50 ppm (270 mg/m3)  UK OEL (8-hr. TWA): 50 ppm (274 mg/m3), 150 ppm (822 mg/m3) STEL</p> <p>**STEL = Short Term Exposure Limit  ***STEV = Short Term Exposure Value</p>
Hygiene Measures:	Avoid breathing vapors. Avoid contact with skin and eyes. Keep container tightly closed when not in use. Keep out of reach of children. Do not smoke while handling this material. Wash hands after handling.

**Ingredient Guidelines****Ingredient:** Color-specific

ingredients:  
2-methoxy-1-methylethyl  
acetate (Light Green marker  
only)

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	Not Established
Guideline Type:	OSHA PEL-TWA
Guideline Information:	Not Established

**Ingredient:**  
Color-specific

ingredients:  
Copper (Gold  
marker only)

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	1 mg/m3 (dusts and mists, as Cu) (8-hr.)
Guideline Type:	OSHA PEL-TWA
Guideline Information:	1 mg/m3 (dusts and mists – as Cu) (8-hr.)

**Ingredient:** For

All Colors:  
Ethylbenzene

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	100 ppm (8-hr.)
Guideline Type:	ACGIH TLV-STEL
Guideline Information:	125 ppm (8-hr.)
Guideline Type:	OSHA PEL-TWA
Guideline Information:	100 ppm (8-hr.)
Guideline Type:	OSHA PEL-STEL
Guideline Information:	125 ppm (8-hr.)

**Ingredient:** ForAll Colors:

Ligroine  
(VMPNaphtha)

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	300 ppm (8-hr.)
Guideline Type:	OSHA PEL-TWA
Guideline Information:	None listed (8-hr.)

Ingredient:  
For AllColors:  
Solvent  
naphtha  
(petroleum)

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	None listed (8-hr.)
Guideline Type:	OSHA PEL-TWA
Guideline Information:	None listed (8-hr.)

Ingredient:  
For AllColors:  
Stoddard  
Solvent

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	100 ppm (8-hr.)
Guideline Type:	OSHA PEL-TWA
Guideline Information:	100 ppm (8-hr.)

Ingredient:  
For AllColors:  
Xylene

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	100 ppm (8-hr.)
Guideline Type:	ACGIH TLV-STEL
Guideline Information:	150 ppm (8-hr.)
Guideline Type:	OSHA PEL-TWA
Guideline Information:	100 ppm (8-hr.)
Guideline Type:	OSHA PEL-STEL
Guideline Information:	150 ppm (8-hr.)

[To Top of page](#)**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

: (N/A)

Color:	Brown, purple, white, yellow, red, black, orange, blue, green, gold, light green, pink, light blue
Odor:	Type: Organic solvent
Physical State:	Fluid
pH:	Not available
Vapor Pressure:	(mm Hg @ 25 deg C): Not available
Vapor Density:	(Air = 1): Not available
Boiling Point:	118 deg C (244 deg F) VMPNaphtha
Freezing Point:	Not available
Melting Point:	Not available
Solubility:	In Water: Insoluble Fat soluble
Density:	Relative (Water = 1): < 1 kg/L (< 8.3 lbs/gal)
Evaporation Point:	(n-Butyl Acetate = 1): Not available
Viscosity:	Water thin
Odor Threshold:	Not available
Coefficient of Water/Oil Distribution:	Not available
Oxidizing Properties:	Not available
	Flammability Limits (%): Not available
	Flash Point: 23 deg C (73 deg F)
	Auto Ignition Temperature (Deg C): Not available

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**SECTION 10 : STABILITY and REACTIVITY**

: (N/A)

Chemical Stability:	Normally stable.
Conditions to Avoid:	Avoid static charge, sparks, heat, open flames and other ignition sources.
Incompatibilities with Other Materials:	Avoid contact with oxidizing agents.
Reactivity:	Possibility of Hazardous Reactions: Hazardous polymerization will not occur.  Other Reactivity Concerns: None known.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Hazardous Decomposition Products:	Carbon monoxide and Carbon dioxide.

[To Top of page](#)**SECTION 11 : TOXICOLOGICAL INFORMATION**

: (N/A)

**Applies to all ingredients:**

Mutagenicity:	(Genetic Effects): Not available.
Teratogenicity:	Not expected with normal use.
Sensitization:	Not likely to cause sensitization.
Neuro Toxicity:	Not expected with normal use.
Reproductive Toxicity:	Not available
Irritation:	Normal use of marker will not result in harmful effects.
Other Toxicological Information:	Toxicologically Synergistic Materials: Not available.

**For All Colors: Solvent naphtha (petroleum) :**

Skin Effects:	Acute Toxicity Data: LD50 Dermal (mg/kg): Not available
Ingestion Effects:	Acute Toxicity Data: LD50 Oral (mg/kg): Not available
Inhalation Effects:	Acute Toxicity Data: LC50 Inhalation (4 hrs.): Not available
Carcinogenicity:	The table below indicates whether each agency has listed any ingredient as a carcinogen.  ACGIH: Not listed IARC: Not listed NTP: Not listed

**For All Colors: Stoddard Solvent :**

Skin Effects:	Acute Toxicity Data: LD50 Dermal: > 3000 mg/kg (rabbit)
Ingestion Effects:	Acute Toxicity Data: LD50 Oral: > 5000 mg/kg (rat)
Inhalation Effects:	Acute Toxicity Data: LC50 Inhalation (4 hrs.): > 5500 mg/m3 (880 ppm) (rat)
Carcinogenicity:	The table below indicates whether each agency has listed any ingredient as a carcinogen.  ACGIH: Not listed IARC: Group 3 NTP: Not listed

**For All Colors: Ligroine (VMPNaphtha) :**

Skin Effects:	Acute Toxicity Data: LD50 Dermal (mg/kg): Not available
Ingestion Effects:	Acute Toxicity Data: LD50 Oral (mg/kg): Not available
Inhalation Effects:	Acute Toxicity Data: LC50 Inhalation (4 hrs.): 3400 ppm (rat)
Carcinogenicity:	The table below indicates whether each agency has listed any ingredient as a carcinogen.  ACGIH: A3 IARC: Not listed NTP: Not listed

**For All Colors: Xylene :**

Skin Effects:	Acute Toxicity Data: LD50 Dermal: > 1700 mg/kg (rabbit)
Ingestion Effects:	Acute Toxicity Data: LD50 Oral: 5251 mg/kg (mouse)
Inhalation Effects:	Acute Toxicity Data: LC50 Inhalation (4 hrs.): 6350 ppm (rat)
Carcinogenicity:	

The table below indicates whether each agency has listed any ingredient as a carcinogen.

ACGIH: A4  
IARC: Group 3  
NTP: Not listed

Teratogenicity:

Xylene is considered toxic to developing fetuses.

Neuro Toxicity:

Neurological Effects: Xylenes act as central nervous system depressants when ingested and inhaled.

Irritation:

Xylenes may be irritating to the skin.

**For All Colors: Ethylbenzene :**

Skin Effects:

Acute Toxicity Data:  
LD50 Dermal: 15380 mg/kg (rabbit)

Ingestion Effects:

Acute Toxicity Data:  
LD50 Oral: 3500 mg/kg (rat)

Inhalation Effects:

Acute Toxicity Data:  
LC50 Inhalation (4 hrs.): 4000 ppm (rat)

Carcinogenicity:

The table below indicates whether each agency has listed any ingredient as a carcinogen.

ACGIH: A3  
IARC: Group 2B  
NTP: Not listed

**Color-specific ingredients: Copper (Gold marker only) :**

Skin Effects:

Acute Toxicity Data:  
LD50 Dermal (mg/kg): Not available

Ingestion Effects:

Acute Toxicity Data:  
LD50 Oral (mg/kg): Not available

Inhalation Effects:

Acute Toxicity Data:  
LC50 Inhalation (4 hrs.): Not available

Carcinogenicity:

The table below indicates whether each agency has listed any ingredient as a carcinogen.

ACGIH: Not listed  
IARC: Not listed  
NTP: Not listed

**Color-specific ingredients: 2-methoxy-1-methylethyl acetate (Light Green marker only) :**

Skin Effects:

Acute Toxicity Data:  
LD50 Dermal: > 5000 mg/kg (rabbit)

Ingestion Effects:

Acute Toxicity Data:  
LD50 Oral: 8532 mg/kg (rat)

Inhalation Effects:

Acute Toxicity Data:  
LC50 Inhalation (4 hrs.): Not available

Carcinogenicity:

The table below indicates whether each agency has listed any ingredient as a carcinogen.

ACGIH: Not listed  
IARC: Not listed  
NTP: Not listed

Irritation:

2-methoxy-1-methylethyl acetate may be irritating to the eyes.

Comments:

ACGIH: (American Conference of Governmental Industrial Hygienists)  
A3 – Confirmed animal carcinogen with unknown relevance to humans.  
A4 – Not Classifiable as a Human Carcinogen.

IARC: (International Agency for Research on Cancer)  
Group 2B – The agent is possibly carcinogenic to humans.  
Group 3 – The agent is not classifiable as to its carcinogenicity in humans.

NTP: (National Toxicity Program)

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## SECTION 12 : ECOLOGICAL INFORMATION

: (N/A)

Ecotoxicity:

Not available.

Bioaccumulation:

Bioaccumulative potential: Not available.

Biodegradation:

Persistence and degradability: Not available.

Other:

Other adverse effects: Not available.

Mobility:

Not available.

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## SECTION 13 : DISPOSAL CONSIDERATIONS

: (N/A)

Waste Disposal:

Do NOT dump into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage. Spent markers are considered "empty" of fluid.

USA: Dispose of in accordance with local, state and federal laws and regulations.

Canada: Dispose of in accordance with local, provincial and federal laws and regulations.

EC: Waste must be disposed of in accordance with relevant EC Directives and national, regional and local environmental control regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

EPA Waste Number:

USA: Xylenes RCRA Waste No. U239.

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## SECTION 14 : TRANSPORT INFORMATION

: (N/A)

Transportation Information:	Transportation: Not Regulated
DOT Shipping Name:	U.S. Hazardous Materials Regulation (DOT 49CFR): Not regulated
IATA:	Not regulated
RID/ADR:	Not regulated
Canadian TDG:	Not regulated
Maritime Transportation CGVS/GGVE/IMDG:	Not regulated
Maritime Pollutant:	Not applicable
	ICAO: Not regulated

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## SECTION 15 : REGULATORY INFORMATION

: (N/A)

### Applies to All Ingredients :

TSCA 8(b): Inventory Status:	All ingredients in the product are listed on the TSCA inventory.
Section 302:	None
Section 304:	None
Section 312 Hazard Category:	311/312: Flammable
Fire:	Yes
OSHA 29 CFR 1200:	USA: This product is not a hazardous material as defined by 29 CFR 1910.1200, OSHA Hazard Communication Evaluation. This product meets the definition of an "article".
Canada WHMIS:	WHMIS Classification: Not Controlled  WHMIS (Canada): Not Controlled  Canada: This is not a controlled product under WHMIS. This product meets the definition of a "manufactured article" and is not subject to the regulations of the Hazardous Products Act.  NSNR Status (New Substance Notification Regulations): All ingredients in the product are listed, as required, on Canada's Domestic Substances List (DSL).  Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
European International Regulations:	EC Classification: Not Dangerous  European Communities (EC): This product is not classified as dangerous according to Directive 1999/45/EC and its amendments. This product contains a small amount of a liquid preparation which contains dangerous ingredients however, there is no expected release of the liquid during use of the product and there is a barrier preventing exposure of the user and the environment.  EC Classification for the Preparation:  Symbol: This product is not classified as dangerous according to Directive 1999/45/EC and its amendments.
Risk Phrases:	None  Full Text of R-phrases appearing in Section 2: R10: Flammable. R11: Highly flammable. R20: Harmful by inhalation. R20/21: Harmful by inhalation and in contact with skin. R36: Irritating to eyes. R38: Irritating to skin. R45: May cause cancer. R65: May cause lung damage if swallowed.
Safety Phrase:	S2: Keep out of reach of children.

For All Colors: Solvent naphtha (petroleum) :



European International Regulations: EINECS/ELINCS: 265-191-7

Risk Phrases: R65

**For All Colors: Stoddard Solvent :**

State: State Right-to-Know Lists:  
Stoddard Solvent can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

European International Regulations: EINECS/ELINCS: 232-489-3

Risk Phrases: R45; R65

**For All Colors: Ligroine (VMPNaphtha) :**

State: State Right-to-Know Lists:  
Ligroine can be found on the following state right to know lists: New Jersey, Pennsylvania.

European International Regulations: EINECS/ELINCS: 232-453-7

Risk Phrases: R45; R65

**For All Colors: Xylene :**

Section 304 CERCLA RQ: 100 lb

Section 313 Toxic Release Form: Chemical Name: Xylenes

State: State Right-to-Know Lists:  
Xylene can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

Canada WHMIS: NPRI Substances (National Pollutant Release Inventory):  
Chemical Name: Xylene

European International Regulations: EINECS/ELINCS: 215-535-7

Risk Phrases: R10; R20/21; R38

**For All Colors: Ethylbenzene :**

Section 304 CERCLA RQ: 1000 lb

Section 313 Toxic Release Form: Chemical Name: Ethylbenzene

State: California Prop 65: This product contains the following chemicals known to the State of California to cause cancer:  
Chemical Name: Ethylbenzene

State Right-to-Know Lists:  
Ethylbenzene can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

Canada WHMIS: NPRI Substances (National Pollutant Release Inventory):  
Chemical Name: Ethylbenzene

European International Regulations: EINECS/ELINCS: 202-849-4

Risk Phrases: R11; R20

**Color-specific ingredients: Copper (Gold marker only) :**

Section 304 CERCLA RQ: 5000 lb

Section 313 Toxic Release Form: Chemical Name: Copper

Canada WHMIS: NPRI Substances (National Pollutant Release Inventory):  
Chemical Name: Copper

European International Regulations: EINECS/ELINCS: 231-159-6

Risk Phrases: None

**Color-specific ingredients: 2-methoxy-1-methylethyl acetate (Light Green marker only) :**

European International Regulations: EINECS/ELINCS: 203-603-9

Risk Phrases: R10; R36

NFPA Hazard Rating: Health: 0  
Flammability: 1  
Reactivity: 0

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## SECTION 16 : ADDITIONAL INFORMATION

: (N/A)

**NFPA:**

Health: 0

Fire Hazard: 1

Reactivity: 0

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MSDS Author: Prepared by: LEHDER Environmental Services Limited  
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**Other Information:**

Full Text of R-phrases appearing in Section 2:

R10: Flammable.

R11: Highly flammable.

R20: Harmful by inhalation.

R20/21: Harmful by inhalation and in contact with skin.

R36: Irritating to eyes.

R38: Irritating to skin.

R45: May cause cancer.

R65: May cause lung damage if swallowed.

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