

ULINE Paint Marker- Black

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
according to Canadian Hazardous Products Regulations (HPR)
Date of issue: 07/28/2015
Revision date: 10/29/2015

Version: 1.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Paint.

1.3. Distributor:

Uline Shipping Supplies
12575 Uline Drive
Pleasant Prairie, WI 53158
Phone: (800) 295-5510

1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with the Globally Harmonized Standard

Flam. Liq. 3 H226
Repr. 2 H361
STOT RE 1 H372

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



GHS02

GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H226 - Flammable liquid and vapour
H361 - Suspected of damaging fertility or the unborn child
H372 - Causes damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical, lighting, ventilating equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P260 - Do not breathe mist, vapours
P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313 - If exposed or concerned: Get medical advice/attention
P314 - Get medical advice/attention if you feel unwell
P370+P378 - In case of fire: Use Suitable extinguishing media to extinguish
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up

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P501 - Dispose of contents/container to an authorised waste collection point

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	% (w/w)	GHS-US classification
tert-butyl acetate	(CAS No) 540-88-5	1.88 - 25.67	Flam. Liq. 2, H225
Cyclohexanone	(CAS No) 108-94-1	1.89 - 19.19	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332
Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%)	(CAS No) 64742-48-9	0 - 8.7	Flam. Liq. 4, H227 Asp. Tox. 1, H304
Carbon black	(CAS No) 1333-86-4	5.39	Carc. 2, H351
Butyl acetate	(CAS No) 123-86-4	2.34 - 4.37	Flam. Liq. 3, H226 STOT SE 3, H336
2-methoxy-1-methylethyl acetate	(CAS No) 108-65-6	1.62 - 3.24	Flam. Liq. 3, H226
Stoddard solvent (benzene < 0.1%)	(CAS No) 8052-41-3	0 - 2.01	Flam. Liq. 3, H226 STOT RE 1, H372 Asp. Tox. 1, H304
Ethyl acetate	(CAS No) 141-78-6	0 - 1.15	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
2-ethylhexanoic acid, zirconium salt	(CAS No) 22464-99-9	0 - 0.46	Repr. 2, H361
2-ethylhexanoic acid, manganese salt	(CAS No) 15956-58-8	0 - 0.12	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Repr. 2, H361 STOT RE 2, H373 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Get medical advice/attention if you feel unwell.
First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.
Explosion hazard : May form flammable/explosive vapour-air mixture.
Reactivity : No dangerous reactions known.

5.3. Advice for firefighters

Firefighting instructions : Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Avoid all eye and skin contact and do not breathe vapour and mist.

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves.
Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Wear suitable gloves.
Emergency procedures : Stop leak if safe to do so. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (for example cloth).

6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist, vapours.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting equipment.
Storage conditions : Keep container closed when not in use.
Incompatible products : Oxidizing agent. Acids. Alkali. Moisture.
Incompatible materials : Heat sources.
Heat and ignition sources : Keep away from heat, sparks and flame.
Prohibitions on mixed storage : Incompatible materials.
Storage area : Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

Marking.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Uline Paint Marker		
ACGIH	Not applicable	
OSHA	Not applicable	
tert-butyl acetate (540-88-5)		
ACGIH	Not applicable	
OSHA	Not applicable	
Cyclohexanone (108-94-1)		
ACGIH	ACGIH TWA (mg/m ³)	50 mg/m ³
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	50 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr

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Cyclohexanone (108-94-1)		
OSHA	OSHA PEL (TWA) (mg/m ³)	200 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	50 ppm
Canada (Quebec)	VEMP (mg/m ³)	100 mg/m ³
Canada (Quebec)	VEMP (ppm)	25 ppm
Canada (Quebec)	Notations and remarks	(Peau)
Carbon black (1333-86-4)		
ACGIH	ACGIH TWA (mg/m ³)	3.5 mg/m ³
ACGIH	Remark (ACGIH)	Bronchitis
OSHA	OSHA PEL (TWA) (mg/m ³)	3.5 mg/m ³
Canada (Quebec)	VEMP (mg/m ³)	10 mg/m ³ (Fibres de carbone et de graphite; Poussière totale) 5 mg/m ³ (Fibres de carbone et de graphite; Poussière respirable) 3.5 mg/m ³
Butyl acetate (123-86-4)		
ACGIH	ACGIH TWA (mg/m ³)	713 mg/m ³
ACGIH	ACGIH TWA (ppm)	150 ppm
ACGIH	ACGIH STEL (mg/m ³)	950 mg/m ³
ACGIH	ACGIH STEL (ppm)	200 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL (TWA) (mg/m ³)	710 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	150 ppm
Canada (Quebec)	VECD (mg/m ³)	950 mg/m ³
Canada (Quebec)	VECD (ppm)	200 ppm
Canada (Quebec)	VEMP (mg/m ³)	713 mg/m ³
Canada (Quebec)	VEMP (ppm)	150 ppm
2-methoxy-1-methylethyl acetate (108-65-6)		
ACGIH	Not applicable	
OSHA	Not applicable	
Ethyl acetate (141-78-6)		
ACGIH	ACGIH TWA (mg/m ³)	1440 mg/m ³
ACGIH	ACGIH TWA (ppm)	400 ppm
ACGIH	Remark (ACGIH)	URT & eye irr
OSHA	OSHA PEL (TWA) (mg/m ³)	1400 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
Canada (Quebec)	VEMP (mg/m ³)	1440 mg/m ³
Canada (Quebec)	VEMP (ppm)	400 ppm
Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%) (64742-48-9)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
OSHA	Not applicable	
2-ethylhexanoic acid, manganese salt (15956-58-8)		
ACGIH	Not applicable	
OSHA	Not applicable	
Stoddard solvent (benzene < 0.1%) (8052-41-3)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	Remark (ACGIH)	Eye, skin, & kidney dam;
OSHA	OSHA PEL (TWA) (mg/m ³)	2900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
Canada (Quebec)	VEMP (mg/m ³)	525 mg/m ³
Canada (Quebec)	VEMP (ppm)	100 ppm

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2-ethylhexanoic acid, zirconium salt (22464-99-9)		
ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³ as Zr
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³ as Zr
OSHA	Not applicable	

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Use rubber gloves. E
Eye protection	: None under normal use.
Respiratory protection	: None under normal use.
Other information	: Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Solid marker containing liquid colored paint.
Colour	: Black.
Odour	: Solvent.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 23 - 37.8 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 67 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight. Heat. Sparks.

10.5. Incompatible materials

Oxidizer. Acids. Alkali. Moisture.

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10.6. Hazardous decomposition products

May release flammable gases. Thermal decomposition generates : metallic oxides. Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

tert-butyl acetate (540-88-5)	
LD50 oral rat	4100 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (ppm)	4211 ppm 6 h
ATE CLP (oral)	4100.000 mg/kg bodyweight

Cyclohexanone (108-94-1)	
ATE CLP (dust,mist)	1.500 mg/l/4h

Carbon black (1333-86-4)	
LD50 oral rat	> 8000 mg/kg
LC50 inhalation rat (mg/l)	> 4.6 mg/m ³ 4 h

Butyl acetate (123-86-4)	
LD50 oral rat	10760 mg/kg
LD50 dermal rabbit	> 14112 mg/kg
LC50 inhalation rat (mg/l)	> 21 mg/l/4h
ATE CLP (oral)	10760.000 mg/kg bodyweight

2-methoxy-1-methylethyl acetate (108-65-6)	
LD50 oral rat	8532 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (ppm)	4345 ppm 6 h
ATE CLP (oral)	8532.000 mg/kg bodyweight

Ethyl acetate (141-78-6)	
LD50 oral rat	5620 mg/kg
LD50 dermal rabbit	> 20000 mg/kg
LC50 inhalation rat (mg/l)	> 18 mg/l/4h
ATE CLP (oral)	5620.000 mg/kg bodyweight

Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%) (64742-48-9)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5610 mg/m ³

2-ethylhexanoic acid, manganese salt (15956-58-8)	
LD50 oral rat	1470 mg/kg bodyweight read-across MnCl2
ATE CLP (oral)	1470.000 mg/kg bodyweight

Stoddard solvent (benzene < 0.1%) (8052-41-3)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 10 mg/l/4h

2-ethylhexanoic acid, zirconium salt (22464-99-9)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 4.3 mg/l/4h

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified.

Cyclohexanone (108-94-1)	
IARC group	3 - Not classifiable

Carbon black (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans, Inhalation of dust
National Toxicology Program (NTP) Status	Not listed in carcinogenicity class

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Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Causes damage to organs through prolonged or repeated exposure.

2-ethylhexanoic acid, zirconium salt (22464-99-9)

NOAEL (oral, rat, 90 days)	300 mg/kg bodyweight/day read across 2-ethylhexanoic acid; P-generation
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Aspiration hazard : Not classified

Potential adverse human health effects and symptoms

Likely routes of exposure : Inhalation;Skin and eye contact

SECTION 12: Ecological information

12.1 Toxicity

tert-butyl acetate (540-88-5)

LC50 fish 1	240 mg/l 96 h
EC50 Daphnia 1	410 mg/l 24 h

2-methoxy-1-methylethyl acetate (108-65-6)

LC50 fish 1	100 - 180 mg/l
EC50 Daphnia 1	> 500 mg/l 48 h
ErC50 (algae)	> 1000 mg/l

Ethyl acetate (141-78-6)

LC50 fish 1	220 mg/l
EC50 Daphnia 1	1200 mg/l
NOEC chronic fish	< 9.35 mg/l

Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%) (64742-48-9)

LC50 fish 1	8.2 mg/l
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2-ethylhexanoic acid, zirconium salt (22464-99-9)

LC50 fish 1	> 100 mg/l 96 h
EC50 Daphnia 1	> 0.17 mg/l 48 h

12.2. Persistence and degradability

tert-butyl acetate (540-88-5)

Persistence and degradability	Readily biodegradable.
Biodegradation	50 % 28 d

Carbon black (1333-86-4)

Persistence and degradability	Not readily biodegradable.
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2-methoxy-1-methylethyl acetate (108-65-6)

Persistence and degradability	Readily biodegradable.
Biodegradation	89 % 10 d

Ethyl acetate (141-78-6)

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

tert-butyl acetate (540-88-5)

BCF fish 1	5.61
Log Pow	1.64

2-methoxy-1-methylethyl acetate (108-65-6)

Log Pow	0.43
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Ethyl acetate (141-78-6)

Bioaccumulative potential	Not expected to bioaccumulate.
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Stoddard solvent (benzene < 0.1%) (8052-41-3)

Log Pow	3.16 - 7.15
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Additional information : Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

In accordance with DOT and TDG

Transport document description : UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base), 3, III
UN-No.(DOT) : UN1263
Proper Shipping Name (DOT) : Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base
Transport hazard class(es) (DOT) : 3 - Flammable liquid
Packing group (DOT) : III - Minor Danger

ADR

Transport document description : UN 1263 PAINT, 3, III, (D/E)
Proper Shipping Name (ADR) : PAINT
Packing group (ADR) : III
Transport hazard class(es) (ADR) : 3

Transport by sea

UN-No. (IMDG) : UN 1263
Proper Shipping Name (IMDG) : PAINT
Transport hazard class(es) (IMDG) : 3
Packing group (IMDG) : III

Air transport

UN-No. (IATA) : UN 1263
Proper Shipping Name (IATA) : Paint
Transport hazard class(es) (IATA) : 3
Packing group (IATA) : III

SECTION 15: Regulatory information

15.1. US Federal regulations

tert-butyl acetate (540-88-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Cyclohexanone (108-94-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Carbon black (1333-86-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Butyl acetate (123-86-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

RQ (Reportable quantity, section 304 of EPA's List of Lists)	5000 lb
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2-methoxy-1-methylethyl acetate (108-65-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Ethyl acetate (141-78-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

RQ (Reportable quantity, section 304 of EPA's List of Lists)	5000 lb
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Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%) (64742-48-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

2-ethylhexanoic acid, manganese salt (15956-58-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Stoddard solvent (benzene < 0.1%) (8052-41-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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2-ethylhexanoic acid, zirconium salt (22464-99-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

tert-butyl acetate (540-88-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Cyclohexanone (108-94-1)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Carbon black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Butyl acetate (123-86-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

2-methoxy-1-methylethyl acetate (108-65-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Ethyl acetate (141-78-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%) (64742-48-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

2-ethylhexanoic acid, manganese salt (15956-58-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Stoddard solvent (benzene < 0.1%) (8052-41-3)

Listed on the Canadian DSL (Domestic Substances List) inventory.

2-ethylhexanoic acid, zirconium salt (22464-99-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

tert-butyl acetate (540-88-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Cyclohexanone (108-94-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Carbon black (1333-86-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Butyl acetate (123-86-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

2-methoxy-1-methylethyl acetate (108-65-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Ethyl acetate (141-78-6)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%) (64742-48-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

2-ethylhexanoic acid, manganese salt (15956-58-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Stoddard solvent (benzene < 0.1%) (8052-41-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

2-ethylhexanoic acid, zirconium salt (22464-99-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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National regulations

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All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).
All ingredients are listed in the Toxic Substances Control Act (TSCA).
All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

15.3. US State regulations

Uline Paint Marker

State or local regulations	The carbon black in this product is bound and is not respirable. California Prop. 65 warnings are not required.
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Carbon black (1333-86-4)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
Yes	No	No	No	

tert-butyl acetate (540-88-5)

U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Right to Know List of Hazardous Chemicals
U.S. - Pennsylvania - List of Hazardous Substances

Cyclohexanone (108-94-1)

U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - New York - Right to Know List of Hazardous Chemicals
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Minnesota - Hazardous Substance List

Carbon black (1333-86-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

Butyl acetate (123-86-4)

U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - List of Hazardous Substances

Ethyl acetate (141-78-6)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - List of Hazardous Substances

Stoddard solvent (benzene < 0.1%) (8052-41-3)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Indication of changes : SECTION 15.
Data sources : ACGIH (American Conference of Government Industrial Hygienists).
European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>.
Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition.
National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition.
OSHA 29CFR 1910.1200 Hazard Communication Standard.
TSCA Chemical Substance Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

ULINE Paint Marker- Black

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
according to Canadian Hazardous Products Regulations (HPR)

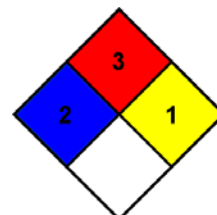
Abbreviations and acronyms : ATE: Acute Toxicity Estimate. CAS (Chemical Abstracts Service) number.
CLP: Classification, Labelling, Packaging.
EC50: Environmental Concentration associated with a response by 50% of the test population.
GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
LD50: Lethal Dose for 50% of the test population.
OSHA: Occupational Safety & Health Administration.
PBT: Persistent, Bioaccumulative, Toxic.
TWA: Time Weight Average.
TSCA: Toxic Substances Control Act.

Other information : None.

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions.

NFPA reactivity : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



Full text of H-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Liq. 4	Flammable liquids, Category 4
Repr. 2	Reproductive toxicity, Category 2
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product