

Material Safety Data Sheet

Material Name: Maskout Paint

*** Section 1 - Chemical Product and Company Identification ***

Distributor Information

Uline
2200 S. Lakeside Dr
Waukegan, IL 60085

Phone: 847-473-3000
Fax: 847-473-5157

*** Section 2 - Hazards Identification ***

Emergency Overview

May cause eye, skin and respiratory tract irritation.

Potential Health Effects: Eyes

May cause irritation.

Potential Health Effects: Skin

May cause irritation.

Potential Health Effects: Ingestion

Not considered a likely route of exposure under normal product use conditions.

Potential Health Effects: Inhalation

May cause dizziness, light-headedness and / or headaches.

HMIS Ratings: Health: 1 Fire: 4 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
67-64-1	Acetone	15-40
74-98-6	Propane	10-30
106-97-8	Butane	5-10
123-86-4	n-Butyl acetate	3-7
64742-89-8	Solvent naphtha (petroleum), light aliphatic	3-7
75-28-5	Isobutane	3-7
108-65-6	Propylene glycol monomethyl ether acetate	1-5
78-93-3	Methyl ethyl ketone	1-5

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

First Aid: Skin

Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.

First Aid: Ingestion

Do NOT induce vomiting, seek medical attention.

First Aid: Inhalation

Remove from exposure, seek medical attention if signs/symptoms persist.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

Flammable aerosol under conditions of sparks, flame, or excessive heat.

Hazardous Combustion Products

Carbon Monoxide, Carbon Dioxide.

Extinguishing Media

Carbon dioxide, dry chemical, water spray.

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Fire Fighting Equipment/Instructions

Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.

NFPA Ratings: Health: 1 Fire: 4 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse.

Clean-Up Procedures

Use an inert absorbent material and non-sparking type tools.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

Special Procedures

None

*** Section 7 - Handling and Storage ***

Handling Procedures

Do not use near heat, sparks, or open flame.

Storage Procedures

Do not store near heat, sparks, flame or above 120° F (49° C).

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

Acetone (67-64-1)

ACGIH: 500 ppm TWA
750 ppm STEL

OSHA: 750 ppm TWA; 1800 mg/m3 TWA

2400 mg/m3 STEL (The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors); 1000 ppm STEL

NIOSH: 250 ppm TWA; 590 mg/m3 TWA

Propane (74-98-6)

ACGIH: 1000 ppm TWA

OSHA: 1000 ppm TWA; 1800 mg/m3 TWA

NIOSH: 1000 ppm TWA; 1800 mg/m3 TWA

Butane (106-97-8)

ACGIH: 1000 ppm TWA

OSHA: 800 ppm TWA; 1900 mg/m3 TWA

NIOSH: 800 ppm TWA; 1900 mg/m3 TWA

n-Butyl acetate (123-86-4)

ACGIH: 150 ppm TWA

200 ppm STEL

OSHA: 150 ppm TWA; 710 mg/m3 TWA

200 ppm STEL; 950 mg/m3 STEL

NIOSH: 150 ppm TWA; 710 mg/m3 TWA

200 ppm STEL; 950 mg/m3 STEL

Isobutane (75-28-5)

ACGIH: 1000 ppm TWA

NIOSH: 800 ppm TWA; 1900 mg/m3 TWA

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Methyl ethyl ketone (78-93-3)

ACGIH: 200 ppm TWA
300 ppm STEL
OSHA: 200 ppm TWA; 590 mg/m3 TWA
300 ppm STEL; 885 mg/m3 STEL
NIOSH: 200 ppm TWA; 590 mg/m3 TWA
300 ppm STEL; 885 mg/m3 STEL

Engineering Controls

General ventilation to maintain exposure limits below TLV's

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Safety glasses or goggles.

Personal Protective Equipment: Skin

Chemical resistant gloves such as Neoprene or Nitrile rubber.

Personal Protective Equipment: Respiratory

In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator. For concentrations above the TLV, use a positive air supplied respirator.

Personal Protective Equipment: General

None

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Opaque aerosol	Odor:	Ketone
Physical State:	Liquid	pH:	NA
Vapor Pressure:	45-55 psig	Vapor Density:	Heavier than air
Boiling Point:	NA	Melting Point:	NA
Solubility (H2O):	ND	Specific Gravity:	0.8
Evaporation Rate:	Faster than n-butyl acetate	VOC:	ND
Octanol/H2O Coeff.:	ND	Flash Point:	<0°F (-18°C)
Flash Point Method:	Estimate	Upper Flammability Limit (UFL):	15.0
Lower Flammability Limit (LFL):	0.9	Burning Rate:	ND
Auto Ignition:	ND		

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

Heat, sparks, and other sources of ignition

Incompatibility

Strong oxidizing agents.

Hazardous Decomposition

None

Possibility of Hazardous Reactions

Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

Acetone (67-64-1)

Oral LD50 Rat 5800 mg/kg

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Propane (74-98-6)

Inhalation LC50 Rat 658 mg/L 4 h

Butane (106-97-8)

Inhalation LC50 Rat 658 mg/L 4 h

n-Butyl acetate (123-86-4)

Inhalation LC50 Rat 390 ppm 4 h; Oral LD50 Rat 10768 mg/kg; Dermal LD50 Rabbit >17600 mg/kg

Solvent naphtha (petroleum), light aliphatic (64742-89-8)

Oral LD50 Mouse 5000 mg/kg; Dermal LD50 Rabbit 3000 mg/kg

Isobutane (75-28-5)

Inhalation LC50 Rat 658 mg/L 4 h

Propylene glycol monomethyl ether acetate (108-65-6)

Oral LD50 Rat 8532 mg/kg; Dermal LD50 Rabbit >5000 mg/kg

Methyl ethyl ketone (78-93-3)

Inhalation LC50 Mouse 32 g/m³ 4 h; Oral LD50 Rat 2737 mg/kg; Dermal LD50 Rabbit 6480 mg/kg

Carcinogenicity

A: General Product Information

No information available for the product.

B: Component Carcinogenicity

Acetone (67-64-1)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

* * * Section 12 - Ecological Information * * *

Ecotoxicity

A: General Product Information

No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Acetone (67-64-1)

Test & Species

	Conditions
96 Hr LC50 Oncorhynchus mykiss	4.74-6.33 ml/L
96 Hr LC50 Pimephales promelas	6210-8120 mg/L [static]
96 Hr LC50 Lepomis macrochirus	8300 mg/L
48 Hr EC50 Daphnia magna	10294 - 17704 mg/L [Static]
48 Hr EC50 Daphnia magna	12600 - 12700 mg/L

n-Butyl acetate (123-86-4)

Test & Species

	Conditions
96 Hr LC50 Pimephales promelas	17-19 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	100 mg/L [static]
96 Hr LC50 Leuciscus idus	62 mg/L [static]
72 Hr EC50 Desmodesmus subspicatus	674.7 mg/L
24 Hr EC50 Daphnia magna	72.8 mg/L

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Solvent naphtha (petroleum), light aliphatic (64742-89-8)

Test & Species **Conditions**

72 Hr EC50 Pseudokirchneriella subcapitata 4700 mg/L

Propylene glycol monomethyl ether acetate (108-65-6)

Test & Species **Conditions**

96 Hr LC50 Pimephales promelas 161 mg/L [static]
48 Hr EC50 Daphnia magna >500 mg/L

Methyl ethyl ketone (78-93-3)

Test & Species **Conditions**

96 Hr LC50 Pimephales promelas 3130-3320 mg/L
[flow-through]
48 Hr EC50 Daphnia magna >520 mg/L
48 Hr EC50 Daphnia magna 5091 mg/L
48 Hr EC50 Daphnia magna 4025 - 6440 mg/L
[Static]

***** Section 13 - Disposal Considerations *****

US EPA Waste Number & Descriptions

Component Waste Numbers

Acetone (67-64-1)

RCRA: waste number U002 (Ignitable waste)

Methyl ethyl ketone (78-93-3)

RCRA: waste number U159 (Ignitable waste, Toxic waste)
200.0 mg/L regulatory level

Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

***** Section 14 - Transportation Information *****

US DOT Information

Shipping Name: Consumer Commodity ORM-D.

***** Section 15 - Regulatory Information *****

US Federal Regulations

Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Acetone (67-64-1)

CERCLA: 5000 lb final RQ; 2270 kg final RQ

n-Butyl acetate (123-86-4)

CERCLA: 5000 lb final RQ; 2270 kg final RQ

Methyl ethyl ketone (78-93-3)

CERCLA: 5000 lb final RQ; 2270 kg final RQ

State Regulations

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Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Acetone	67-64-1	Yes	Yes	Yes	Yes	Yes	Yes
Propane	74-98-6	No	Yes	Yes	Yes	Yes	Yes
Butane	106-97-8	Yes	Yes	Yes	Yes	Yes	Yes
n-Butyl acetate	123-86-4	Yes	Yes	Yes	Yes	Yes	Yes
Isobutane	75-28-5	No	Yes	No	Yes	Yes	No
Methyl ethyl ketone	78-93-3	Yes	Yes	Yes	Yes	Yes	Yes

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Acetone	67-64-1	1 %
Butane	106-97-8	1 %
n-Butyl acetate	123-86-4	1 %
Methyl ethyl ketone	78-93-3	1 %

Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Acetone	67-64-1	Yes	DSL	EINECS
Propane	74-98-6	Yes	DSL	EINECS
Butane	106-97-8	Yes	DSL	EINECS
n-Butyl acetate	123-86-4	Yes	DSL	EINECS
Solvent naphtha (petroleum), light aliphatic	64742-89-8	Yes	DSL	EINECS
Isobutane	75-28-5	Yes	DSL	EINECS
Propylene glycol monomethyl ether acetate	108-65-6	Yes	DSL	EINECS
Methyl ethyl ketone	78-93-3	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.