

## Safety Data Sheet

Material Name: LM-800XL

Product No: 305261 (cartridge)  
305263 (5 gallon)

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

LM-800XL

**Synonyms**

Solvent-based mastic

**Chemical Family**

Mastic

**Product Use**

Mastic waterproofing sealant

**Restrictions on Use**

For industrial use only.

**Details of the supplier of the safety data sheet**

Carlisle Coatings and Waterproofing Incorporated  
900 Hensley Lane  
Wylie, TX 75098

**Phone Numbers:**

Medical Emergency  
CHEMTREC (USA): 800-424-9300

MSDS Assistance; 972-442-6545  
Technical Assistance: 888-229-2199  
Customer Service: 888-229-0199

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### Section 2 - HAZARDS IDENTIFICATION

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**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Flammable Liquids - Category 2

Acute Toxicity - Oral - Category 4

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Reproductive Toxicity - Category 1A

Specific Target Organ Toxicity - Single Exposure - Category 1 ( respiratory system, central nervous system )

Specific Target Organ Toxicity - Single Exposure - Category 3

Specific Target Organ Toxicity - Repeated Exposure - Category 1 ( kidneys,respiratory system,lungs,central nervous system )

Specific Target Organ Toxicity - Repeated Exposure - Category 2

**GHS Label Elements**

**Symbol(s)**



**Signal Word**

Danger

**Hazard Statement(s)**

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Highly flammable liquid and vapor  
Harmful if swallowed  
Causes skin irritation  
Causes serious eye irritation  
May damage fertility or the unborn child  
Causes damage to organs  
May cause respiratory irritation. May cause drowsiness or dizziness  
Causes damage to organs through prolonged or repeated exposure  
May cause damage to organs through prolonged or repeated exposure

### **Precautionary Statement(s)**

#### **Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Keep container tightly closed  
Keep away from heat/sparks/open flame/hot surfaces - No smoking  
Ground/Bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting equipment  
Take precautionary measures against static discharge  
Use only non-sparking tools  
Use only outdoors or in a well-ventilated area  
Wear protective gloves/protective clothing/eye protection/face protection  
Do not breathe dust/fume/gas/mist/vapours/spray  
Wash thoroughly after handling  
Do not eat, drink or smoke when using this product

#### **Response**

In case of fire: Use appropriate media to extinguish  
If exposed: Call a POISON CENTER or doctor/physician  
IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor if you feel unwell  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth  
Specific treatment (see label)

#### **Storage**

Store in a well-ventilated place. Keep container tightly closed  
Keep cool  
Store locked up

#### **Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations

#### **Statement of Unknown Toxicity**

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54% of the mixture consists of ingredient(s) of unknown acute toxicity.

### Other Hazards

No additional information available.

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent
14808-60-7	Quartz	8-10
108-88-3	Toluene	8-10
142-82-5	Heptane (n-)	15-30
68410-97-9	Distillates, petroleum, light distillate hydrotreating process, low-boiling	15-30
64742-46-7	Petroleum distillates, hydrotreated middle	2-3
64742-53-6	Petroleum distillates, hydrotreated light naphthenic	2-3
64742-52-5	Petroleum distillates, hydrotreated heavy naphthenic	2-3

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### Section 4 - FIRST AID MEASURES

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#### Description of Necessary Measures

If exposed or concerned: Call a POISON CENTER or doctor/physician.

#### Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Skin

Rinse skin with water/shower. Remove/take off immediately all contaminated clothing. If skin irritation occurs, get medical advice/attention.

#### Eyes

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

#### Ingestion

Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Indication of any immediate medical attention and special treatment needed

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Treat symptomatically and supportively.

### **Most Important Symptoms/Effects**

#### **Acute**

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Causes damage to respiratory system, central nervous system. May cause respiratory irritation. May cause drowsiness or dizziness.

#### **Delayed**

May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure: kidneys, respiratory system, lungs, central nervous system.

### **Note to Physicians**

Contains organic solvents: toluene, heptane.

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## **Section 5 - FIRE FIGHTING MEASURES**

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### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Dry chemical, foam or carbon dioxide. Use water spray to keep containers cool.

#### **Unsuitable Extinguishing Media**

Do not use high-pressure water streams. Water may be ineffective.

### **Special Hazards Arising from the Chemical**

Highly flammable liquid and vapor. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback.

### **Hazardous Combustion Products**

Oxides of carbon, oxides of nitrogen

### **Advice for firefighters**

Can burn and explode easily when exposed to open flames or high heat.

### **Fire Fighting Measures**

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Take precautionary measures against static discharge. Use only non-sparking tools.

### **Special Protective Equipment and Precautions for Firefighters**

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

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## **Section 6 - ACCIDENTAL RELEASE MEASURES**

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### **Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8.

### **Methods and Materials for Containment and Cleaning Up**

Remove all sources of ignition. Avoid breathing vapors. Ventilate affected area. Absorb with earth, sand or other non-combustible material and transfer to container. Use only non-sparking tools. Dike for later disposal. Dispose in accordance with all applicable regulations.

### **Environmental Precautions**

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Avoid release to the environment.

## Section 7 - HANDLING AND STORAGE

### Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Keep away from heat/sparks/open flame/hot surfaces - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with eyes, skin and clothing. Take off contaminated clothing and wash it before reuse. Do not breathe vapor or mist. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. **KEEP OUT OF REACH OF CHILDREN.**

### Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated place. Keep container tightly closed  
Keep cool  
Store locked up  
Keep away from heat and ignition sources. Keep away from incompatible materials. Do not cut, puncture, or weld on or near this container.

### Incompatible Materials

Acids, bases, strong oxidizing agents

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component Exposure Limits

<b>Quartz</b>	14808-60-7	
ACGIH:	0.025 mg/m <sup>3</sup> TWA respirable fraction	
NIOSH:	0.05 mg/m <sup>3</sup> TWA respirable dust	50 mg/m <sup>3</sup> IDLH respirable dust
OSHA (US):	((30)/( %SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA) total dust; ((250)/( %SiO <sub>2</sub> + 5) mppcf TWA) respirable fraction; ((10)/( %SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA) respirable fraction	
Mexico:	0.1 mg/m <sup>3</sup> TWA LMPE-PPT respirable fraction	
<b>Toluene</b>	108-88-3	
ACGIH:	20 ppm TWA	
NIOSH:	100 ppm TWA; 375 mg/m <sup>3</sup> TWA	150 ppm STEL; 560 mg/m <sup>3</sup> STEL
	500 ppm IDLH	

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Europe:	50 ppm TWA; 192 mg/m <sup>3</sup> TWA	100 ppm STEL; 384 mg/m <sup>3</sup> STEL
	Possibility of significant uptake through the skin	
OSHA (US):	200 ppm TWA	300 ppm Ceiling
Mexico:	50 ppm TWA LMPE-PPT; 188 mg/m <sup>3</sup> TWA LMPE-PPT	
	Skin - potential for cutaneous absorption	
<b>n-Heptane</b>	142-82-5	
ACGIH:	400 ppm TWA	500 ppm STEL
NIOSH:	85 ppm TWA; 350 mg/m <sup>3</sup> TWA	440 ppm Ceiling 15 min; 1800 mg/m <sup>3</sup> Ceiling 15 min
	750 ppm IDLH	
Europe:	500 ppm TWA; 2085 mg/m <sup>3</sup> TWA	
OSHA (US):	500 ppm TWA; 2000 mg/m <sup>3</sup> TWA	
Mexico:	400 ppm TWA LMPE-PPT; 1600 mg/m <sup>3</sup> TWA LMPE-PPT	
	500 ppm STEL [LMPE-CT]; 2000 mg/m <sup>3</sup> STEL [LMPE-CT]	
	Skin - potential for cutaneous absorption	

**Biological limit value**

There are no biological limit values for any of this product's components.

**Engineering Controls**

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/face protection**

Wear safety glasses.

**Skin Protection**

Wear protective clothing to minimize skin contact.

**Respiratory Protection**

In case of inadequate ventilation wear respiratory protection. Appropriate respirator selection should be made by a qualified professional as part of a comprehensive respiratory protection program as described in 29 CFR 1910.134.

**Glove Recommendations**

Wear appropriate chemical resistant gloves. Recommended material type: nitrile.

**Protective Materials**

Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance</b>	green paste	<b>Physical State</b>	liquid
<b>Odor</b>	hydrocarbon odor	<b>Color</b>	green
<b>Odor Threshold</b>	Not available	<b>pH</b>	Not available
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	187 °F (86 °C)
<b>Freezing point</b>	-90.5 °C	<b>Evaporation Rate</b>	3.7
<b>Boiling Point Range</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	433 °F (223 °C)	<b>Flash Point</b>	18 °F (-8 °C)
<b>Lower Explosive Limit</b>	1 %	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	7 %	<b>Vapor Pressure</b>	45 mmHg at 68 °F (20 °C)
<b>Vapor Density (air=1)</b>	Not available	<b>Specific Gravity (water=1)</b>	Not available
<b>Water Solubility</b>	Not available	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	250000 cps	<b>Solubility (Other)</b>	Not available
<b>Density</b>	6.72 - 7.56 (relative)	<b>VOC</b>	246.3 g/L

**Other Information**

No additional information available.

### Section 10 - STABILITY AND REACTIVITY

**Reactivity**

No reactivity hazard is expected.

**Chemical Stability**

Stable under normal conditions of use.

**Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

**Conditions to Avoid**

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

**Incompatible Materials**

Acids, bases, strong oxidizing agents

**Hazardous decomposition products**

Oxides of carbon, oxides of nitrogen

**Section 11 - TOXICOLOGICAL INFORMATION****Information on Likely Routes of Exposure****Inhalation**

May cause respiratory irritation. May cause drowsiness or dizziness.

**Skin Contact**

Causes skin irritation.

**Eye Contact**

Causes serious eye irritation.

**Ingestion**

Harmful if swallowed. May cause gastrointestinal irritation.

**Acute and Chronic Toxicity****Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Quartz (14808-60-7)

Oral LD50 Rat 500 mg/kg

Toluene (108-88-3)

Oral LD50 Rat 2600 mg/kg

Dermal LD50 Rabbit 12000 mg/kg

Inhalation LC50 Rat 12.5 mg/L 4 h

n-Heptane (142-82-5)

Oral LD50 Mouse 5000 mg/kg

Dermal LD50 Rabbit 3000 mg/kg

Inhalation LC50 Rat 103 g/m<sup>3</sup> 4 h

Petroleum distillates, hydrotreated light (64742-47-8)

Oral LD50 Rat >5000 mg/kg

Dermal LD50 Rabbit >2000 mg/kg

Inhalation LC50 Rat >5.2 mg/L 4 h

Distillates, petroleum, hydrotreated middle (64742-46-7)

Oral LD50 Rat 7400 mg/kg

Dermal LD50 Rabbit >2000 mg/kg

Inhalation LC50 Rat 4.6 mg/L 4 h

**Immediate Effects**

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Causes damage to respiratory system, central nervous system. May cause respiratory irritation. May cause drowsiness or dizziness.

**Delayed Effects**

May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure: kidneys, respiratory system, lungs, central nervous system.

**Irritation/Corrosivity Data**

Cause skin irritation. Causes serious eye irritation. May cause respiratory irritation.

**Respiratory Sensitization**

No data available.

**Dermal Sensitization**



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No data available.

**Component Carcinogenicity**

<b>Quartz</b>	14808-60-7
ACGIH:	A2 - Suspected Human Carcinogen
IARC:	Monograph 100C [2012]; Monograph 68 [1997] (Group 1 (carcinogenic to humans))
NTP:	Known Human Carcinogen (respirable size)
DFG:	Category 1 (causes cancer in man, alveola fraction)
OSHA:	Present (respirable size)
<b>Toluene</b>	108-88-3
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999]; Monograph 47 [1989] (Group 3 (not classifiable))
<b>Styrene-butadiene copolymer</b>	9003-55-8
IARC:	Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))
<b>Petroleum distillates, hydrotreated light</b>	64742-47-8
DFG:	Category 3B (could be carcinogenic for man, isomers in technical mixtures)

**Germ Cell Mutagenicity**

No data available.

**Tumorigenic Data**

No data available

**Reproductive Toxicity**

May damage fertility or the unborn child.

**Specific Target Organ Toxicity - Single Exposure**

Respiratory system, central nervous system

**Specific Target Organ Toxicity - Repeated Exposure**

Respiratory system, kidneys, lungs, central nervous system

**Aspiration hazard**

No data available.

**Medical Conditions Aggravated by Exposure**

No data available.

**Additional Data**

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This product contains crystalline silica, which is a known carcinogen. However, this component is bound by the polymer portion of the sealant. The only way this component would be released is through incineration. Therefore, this product is not considered a carcinogen.

### Section 12 - ECOLOGICAL INFORMATION

**Ecotoxicity**

Avoid release to the environment.

**Component Analysis - Aquatic Toxicity**

<b>Toluene</b>	108-88-3
Fish:	LC50 96 h Pimephales promelas 15.22 - 19.05 mg/L [flow-through] (1 day old); LC50 96 h Pimephales promelas 12.6 mg/L [static]; LC50 96 h Oncorhynchus mykiss 5.89 - 7.81 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 14.1 - 17.16 mg/L [static]; LC50 96 h Oncorhynchus mykiss 5.8 mg/L [semi-static]; LC50 96 h Lepomis macrochirus 11 - 15 mg/L [static]; LC50 96 h Oryzias latipes 54 mg/L [static]; LC50 96 h Poecilia reticulata 28.2 mg/L [semi-static]; LC50 96 h Poecilia reticulata 50.87 - 70.34 mg/L [static]
Algae:	EC50 96 h Pseudokirchneriella subcapitata >433 mg/L IUCLID; EC50 72 h Pseudokirchneriella subcapitata 12.5 mg/L [static] EPA
Invertebrate:	EC50 48 h Daphnia magna 5.46 - 9.83 mg/L [static] EPA; EC50 48 h Daphnia magna 11.5 mg/L IUCLID
<b>n-Heptane</b>	142-82-5
Fish:	LC50 96 h Cichlid fish 375 mg/L
<b>Petroleum distillates, hydrotreated light</b>	64742-47-8
Fish:	LC50 96 h Pimephales promelas 45 mg/L [flow-through]; LC50 96 h Lepomis macrochirus 2.2 mg/L [static]; LC50 96 h Oncorhynchus mykiss 2.4 mg/L [static]
<b>Distillates, petroleum, hydrotreated middle</b>	64742-46-7
Fish:	LC50 96 h Pimephales promelas 35 mg/L [flow-through]; LC50 96 h Pimephales promelas >10000 mg/L [static]

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<b>Distillates, petroleum, hydrotreated light naphthenic</b>	64742-53-6
Fish:	LC50 96 h Oncorhynchus mykiss >5000 mg/L
Invertebrate:	EC50 48 h Daphnia magna >1000 mg/L IUCLID
<b>Distillates, petroleum, hydrotreated heavy naphthenic</b>	64742-52-5
Fish:	LC50 96 h Oncorhynchus mykiss >5000 mg/L
Invertebrate:	EC50 48 h Daphnia magna >1000 mg/L IUCLID

**Persistence and Degradability**

No information available for the product.

**Bioaccumulative Potential**

No information available for the product.

**Mobility**

No information available for the product.

**Other Toxicity**

No additional information available.

**Section 13 - DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Section 14 - TRANSPORT INFORMATION**

**US DOT Information:**

**Shipping Name:** Resin solution, flammable

**Hazard Class:** 3

**UN/NA #:** UN1866

**Packing Group:** II

**Required Label(s):** 3 - For 5-gallon pail. Ltd Qty (limited quantity) for 29 ounce cartridge (<0.3 gal) ltd qty (limited quantity)

**IATA Information:**

**Shipping Name:** Resin solution, flammable

**Hazard Class:** 3

**UN#:** UN1866

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**Product No: 305261 (cartridge)  
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**Packing Group: II**

**Required Label(s):** 3 - For 5-gallon pail. Ltd Qty (limited quantity) for 29 ounce cartridge (<0.3 gal)

**IMDG Information:**

**Shipping Name:** Resin solution, flammable

**Hazard Class:** 3

**UN#:** UN1866

**Packing Group:** II

**Required Label(s):** 3

**TDG Information:**

**Shipping Name:** Resin solution, flammable

**Hazard Class:** 3

**UN#:** UN1866

**Packing Group:** II

**Required Label(s):** 3

### Section 15 - REGULATORY INFORMATION

**U.S. Federal Regulations**

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), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Toluene	108-88-3
SARA 313:	1 % de minimis concentration
CERCLA:	1000 lb final RQ; 454 kg final RQ

**SARA Section 311/312 (40 CFR 370 Subparts B and C)**

**Acute Health:** Yes **Chronic Health:** Yes **Fire:** Yes **Pressure:** No **Reactivity:** No

**U.S. State Regulations**

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

Component	CAS	CA	MA	MN	NJ	PA
Quartz	14808-60-7	No	Yes	Yes	Yes	Yes
Toluene	108-88-3	Yes	Yes	Yes	Yes	Yes
n-Heptane	142-82-5	Yes	Yes	Yes	Yes	Yes
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	No	Yes	No	No	No

**The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):**

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**WARNING:** This product can expose you to chemicals including crystalline silica, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**WARNING:** This product can expose you to chemicals including toluene, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Quartz	14808-60-7
Carc:	carcinogen , 10/1/1988 (airborne particles of respirable size)
Toluene	108-88-3
Repro/Dev. Tox	developmental toxicity , 1/1/1991

### Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Quartz	14808-60-7
	1 %
Toluene	108-88-3
	1 %
n-Heptane	142-82-5
	1 %

### Component Analysis - Inventory

Distillates (petroleum), C3-6, piperylene-rich, polymers with isobutylene (152698-66-3)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
No	DSL	No	Yes	No	No	No	Yes	No	Yes	Yes	No	Yes

Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene (25038-32-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes

Quartz (14808-60-7)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW

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Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes
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**Toluene (108-88-3)**

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes

**1-Propanamine, 3-(isodecyloxy)-, acetate (28701-67-9)**

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes

**Styrene-butadiene copolymer (9003-55-8)**

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes

**n-Heptane (142-82-5)**

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes

**Distillates, petroleum, light distillate hydrotreating process, low-boiling (68410-97-9)**

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	No	Yes

**Petroleum distillates, hydrotreated light (64742-47-8)**

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes

**Distillates, petroleum, hydrotreated middle (64742-46-7)**

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW

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Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes
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Distillates, petroleum, hydrotreated light naphthenic (64742-53-6)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	No	Yes

Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes

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### Section 16 - OTHER INFORMATION

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#### HMIS Rating

Health: 2\* Fire: 3 Reactivity: 0

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

#### NFPA Ratings

Health: 2 Fire: 3 Reactivity: 0

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

#### Summary of Changes

Version 2.0: 26 March 2018

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute

## Safety Data Sheet

**Material Name: LM-800XL**

**Product No: 305261 (cartridge)  
305263 (5 gallon)**

for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### **Other Information**

#### **Disclaimer:**

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.