

Safety Data Sheet

 $According \ To \ Federal \ Register \ / \ Vol. \ 77, \ No. \ 58 \ / \ Monday, \ March \ 26, \ 2012 \ / \ Rules \ And \ Regulations \ And \ According \ To \ The \ Hazardous \ The \$ 

Products Regulation (February 11, 2015).

Revision Date: 03/02/2017 Date of Issue: 03/02/2017 Version: 1.0

#### **SECTION 1: IDENTIFICATION**

### Product Identifier

**Product Form: Mixture** 

**Product Name:** Liquid Electrical Tape - Green

Product Code: 841XX-GREEN
Intended Use of the Product

**Sealant** 

#### Name, Address, and Telephone of the Responsible Party

**Company** 

Starbrite® Inc.

4041 SW 47<sup>th</sup> Avenue Fort Lauderdale, FL 33314

(954)587-6280

www.starbrite.com

**Emergency Telephone Number** 

**Emergency Number**: US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

#### **SECTION 2: HAZARDS IDENTIFICATION**

#### Classification of the Substance or Mixture

#### **GHS-US/CA Classification**

Flam. Liq. 2 H225 Skin Irrit. 2 H315 Eye Irrit. 2A H319 STOT SE 3 H335 STOT SE 3 H336

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

## **Label Elements**

**GHS-US/CA Labeling** 

Hazard Pictograms (GHS-US/CA)





Signal Word (GHS-US/CA)

**Hazard Statements (GHS-US/CA)** : H225 - Highly flammable liquid and vapor.

: Danger

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

Precautionary Statements (GHS-US/CA): P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical, ventilating, and lighting equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves, protective clothing, and eye protection.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

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Rinse skin with water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

#### **Other Hazards**

Aquatic Acute 2 H401 H401 - Toxic to aquatic life.

P273 - Avoid release to the environment.

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. This material or its emissions may defat skin, cause contact dermatitis, or aggravate existing skin disease.

#### **Unknown Acute Toxicity (GHS-US/CA)**

No data available

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Xylenes (o-, m-, p- isomers)	(CAS No) 1330-20-7	36 - 39	Flam. Liq. 3, H226
			Acute Tox. 4 (Dermal), H312
			Acute Tox. 4 (Inhalation:vapor), H332
			Skin Irrit. 2, H315
			STOT SE 3, H336
			STOT SE 3, H335
			Asp. Tox. 1, H304
			Aquatic Acute 2, H401
2-Butanone	(CAS No) 78-93-3	17 - 19	Flam. Liq. 2, H225
			Eye Irrit. 2A, H319
			STOT SE 3, H336
Propanol, oxybis-, dibenzoate	(CAS No) 27138-31-4	6 - 8	Aquatic Acute 2, H401
			Aquatic Chronic 3, H412
Acetone	(CAS No) 67-64-1	4 - 5	Flam. Liq. 2, H225
			Eye Irrit. 2A, H319
			STOT SE 3, H336
Talc	(CAS No) 14807-96-6	0.1 - 1	Not classified

Full text of H-phrases: see section 16

#### **SECTION 4: FIRST AID MEASURES**

#### **Description of First-aid Measures**

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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<sup>\*</sup>Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

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**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. May cause drowsiness and dizziness. **Inhalation:** Irritation of the respiratory tract and the other mucous membranes. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

**Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis. Repeated or prolonged skin contact may cause dermatitis and defatting. May cause an allergic reaction in sensitive individuals.

Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

**Ingestion:** Ingestion may cause adverse effects. Swallowing a large amount may cause CNS effects, and if the viscosity is altered, aspiration into the lungs may occur resulting in lung injury.

**Chronic Symptoms:** None known.

#### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

#### **SECTION 5: FIRE-FIGHTING MEASURES**

#### **Extinguishing Media**

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>). Water may be ineffective but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

#### Special Hazards Arising From the Substance or Mixture

Fire Hazard: Highly flammable liquid and vapor.

**Explosion Hazard:** May form flammable or explosive vapor-air mixture. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

#### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Remove containers from fire area if this can be done without risk. Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapors from decomposition.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products:** Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Hydrocarbons. Nitrogen oxides.

Peroxides. Metal oxides.

**Other Information:** Exposure to fire may cause containers to rupture/explode. Do not allow run-off from firefighting to enter drains or water courses.

#### **Reference to Other Sections**

Refer to Section 9 for flammability properties.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**General Measures:** Avoid breathing (vapor, mist, spray). Avoid all contact with skin, eyes, or clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

#### **For Non-Emergency Personnel**

Protective Equipment: Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

#### **For Emergency Personnel**

Protective Equipment: Equip cleanup crew with proper protection.

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**Emergency Procedures:** Ventilate area. Eliminate ignition sources. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

#### **Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment.

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

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Eliminate all ignition sources. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Transfer spilled material to a suitable container for disposal. Gas/vapor heavier than air. May accumulate in confined spaces, particularly at or below ground level. Contact competent authorities after a spill.

#### **Reference to Other Sections**

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

#### SECTION 7: HANDLING AND STORAGE

#### **Precautions for Safe Handling**

Additional Hazards When Processed: When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard. Handle empty containers with care because residual vapors are flammable. Repeated or prolonged skin contact may cause dermatitis and defatting. Contains substances that are combustible dusts. If dried and allowed to accumulate, may form combustible dust concentrations in air that could ignite and cause an explosion. Take appropriate precautions.

**Precautions for Safe Handling:** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, and spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take precautionary measures against static discharge. Use only non-sparking tools. Use appropriate personal protection equipment (PPE).

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

#### Conditions for Safe Storage. Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

**Storage Conditions:** Store in a dry, cool place. Store in a well-ventilated place. Keep container tightly closed. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store in original container. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Keep in fireproof place.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Alkalis. Amines. Aldehydes. Ammonia. Reducing agents.

Peroxides. Chlorides. Nitric acid. Sulfuric acid. Chloroform. Perchlorates. Bromoform.

#### Specific End Use(s)

Sealant

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Xylenes (o-, m-, p- isomers)	(1330-20-7)	
Mexico	OEL TWA (mg/m³)	435 mg/m <sup>3</sup>
Mexico	OELTWA (ppm)	100 ppm
Mexico	OEL STEL (mg/m³)	655 mg/m <sup>3</sup>
Mexico	OEL STEL (ppm)	150 ppm
USA ACGIH	ACGIH TWA (ppm)	100 ppm
USA ACGIH	ACGIH STEL (ppm)	150 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA ACGIH	Biological Exposure Indices (BEI)	1.5 g/g Kreatinin Parameter: Methylhippuric acids -
		Medium: urine - Sampling time: end of shift

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USA OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Alberta	OEL STEL (mg/m³)	651 mg/m <sup>3</sup>
Alberta	OEL STEL (ppm)	150 ppm
Alberta	OELTWA (mg/m³)	434 mg/m <sup>3</sup>
Alberta	OELTWA (ppm)	100 ppm
British Columbia	OEL STEL (ppm)	150 ppm
British Columbia	OELTWA (ppm)	100 ppm
Manitoba	OEL STEL (ppm)	150 ppm
Manitoba	OELTWA (ppm)	100 ppm
New Brunswick	OEL STEL (mg/m³)	651 mg/m <sup>3</sup>
New Brunswick	OEL STEL (ppm)	150 ppm
New Brunswick	OELTWA (mg/m³)	434 mg/m³
New Brunswick	OEL TWA (ppm)	100 ppm
Newfoundland & Labrador	OEL STEL (ppm)	150 ppm
Newfoundland & Labrador	OELTWA (ppm)	100 ppm
Nova Scotia	OEL STEL (ppm)	150 ppm
Nova Scotia	OELTWA (ppm)	100 ppm
Nunavut	OEL STEL (ppm)	150 ppm
Nunavut	OEL TWA (ppm)	100 ppm
Northwest Territories	OEL STEL (ppm)	150 ppm
Northwest Territories	OELTWA (ppm)	100 ppm
Ontario	OELSTEL (ppm)	150 ppm
Ontario	OELTWA (ppm)	100 ppm
Prince Edward Island	OEL TWA (ppm)	150 ppm
Prince Edward Island	OELTWA (ppm)	100 ppm
Québec	VECD (mg/m³)	651 mg/m <sup>3</sup>
Québec	VECD (mg/m/)	150 ppm
Québec	VEMP (mg/m³)	434 mg/m <sup>3</sup>
Québec	VEMP (ppm)	100 ppm
Saskatchewan	OEL STEL (ppm)	
Saskatchewan	OELTWA (ppm)	150 ppm 100 ppm
Yukon	OEL TWA (ppin) OEL STEL (mg/m³)	650 mg/m <sup>3</sup>
Yukon	OEL STEL (IIIg/ III-)	
Yukon	OELTWA (mg/m³)	150 ppm 435 mg/m <sup>3</sup>
Yukon	OELTWA (ing/in-)	
	OEL I WA (ppiii)	100 ppm
2-Butanone (78-93-3)	OTT TO A CO	T 700 / 0
Mexico	OEL TWA (mg/m³)	590 mg/m <sup>3</sup>
Mexico	OELTWA (ppm)	200 ppm
Mexico	OEL STEL (mg/m³)	885 mg/m <sup>3</sup>
Mexico	OEL STEL (ppm)	300 ppm
USA ACGIH	ACGIH TWA (ppm)	200 ppm
USA ACGIH	ACGIH STEL (ppm)	300 ppm
USA ACGIH	Biological Exposure Indices (BEI)	2 mg/l Parameter: MEK - Medium: urine - Sampling time: end of shift (nonspecific)
USA OSHA	OSHA PEL (TWA) (mg/m³)	590 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m³)	590 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	200 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m³)	885 mg/m³
USA NIOSH	NIOSH REL (STEL) (ppm)	300 ppm
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	-	
USA IDIH	US IDLH (ppm)	3000 ppm
Alberta	OEL STEL (mg/m³)	885 mg/m <sup>3</sup>
Alberta	OEL STEL (ppm)	300 ppm
Alberta	OELTWA (mg/m³)	590 mg/m <sup>3</sup>
Alberta	OELTWA (ppm)	200 ppm
British Columbia	OEL STEL (ppm)	100 ppm
British Columbia	OEL TWA (ppm)	50 ppm
Manitoba	OEL STEL (ppm)	300 ppm
Manitoba	OEL TWA (ppm)	200 ppm
New Brunswick	OEL STEL (mg/m³)	885 mg/m <sup>3</sup>
New Brunswick	OEL STEL (ppm)	300 ppm
New Brunswick	OEL TWA (mg/m³)	590 mg/m <sup>3</sup>
New Brunswick	OEL TWA (ppm)	200 ppm
Newfoundland & Labrador	OEL STEL (ppm)	300 ppm
Newfoundland & Labrador	OELTWA (ppm)	200 ppm
Nova Scotia	OEL STEL (ppm)	300 ppm
Nova Scotia	OELTWA (ppm)	200 ppm
Nunavut	OEL TWA (ppm)	300 ppm
Nunavut	OELTWA (ppm)	200 ppm
Northwest Territories	OEL STEL (ppm)	300 ppm
Northwest Territories		
Ontario	OELTWA (ppm)	200 ppm
	OEL STEL (ppm)	300 ppm
Ontario	OELTWA (ppm)	200 ppm
Prince Edward Island	OEL STEL (ppm)	300 ppm
Prince Edward Island	OELTWA (ppm)	200 ppm
Québec	VECD (mg/m³)	300 mg/m <sup>3</sup>
Québec	VECD (ppm)	100 ppm
Québec	VEMP (mg/m³)	150 mg/m <sup>3</sup>
Québec	VEMP (ppm)	50 ppm
Saskatchewan	OEL STEL (ppm)	300 ppm
Saskatchewan	OEL TWA (ppm)	200 ppm
Yukon	OEL STEL (mg/m³)	740 mg/m <sup>3</sup>
Yukon	OEL STEL (ppm)	250 ppm
Yukon	OELTWA (mg/m³)	590 mg/m <sup>3</sup>
Yukon	OEL TWA (ppm)	200 ppm
Talc (14807-96-6)		
Mexico	OEL TWA (mg/m³)	2 mg/m³ (respirable fraction)
USA ACGIH	ACGIH TWA (mg/m³)	2 mg/m³ (particulate matter containing no asbestos and
TICA ACCITI	ACCIII chemical cote gore	<1% crystalline silica, respirable particulate matter) Not Classificable as a Hymon Coming on containing no
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen containing no
USA NIOSH	NIOSH REL (TWA) (mg/m³)	asbestos fibers 2 mg/m³ (containing no Asbestos and <1% Quartz-
USA NIUSH	NIOSH KEL (I WA) (mg/m²)	
TICA INTU	LIC IDI H (mg/m³)	respirable dust)
USA IDLH	US IDLH (mg/m³)	1000 mg/m³ (containing no asbestos and <1% quartz)
Alberta	OEL TWA (mg/m³)	2 mg/m³ (respirable particulate)
British Columbia	OEL TWA (mg/m³)	2 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate)
Manitoba	OEL TWA (mg/m³)	2 mg/m³ (particulate matter containing no Asbestos and
		<1% Crystalline silica-respirable particulate matter)
New Brunswick	OEL TWA (mg/m³)	2 mg/m³ (particulate matter containing no Asbestos and
		<1% Crystalline silica, respirable fraction)
Newfoundland & Labrador	OEL TWA (mg/m³)	2 mg/m³ (particulate matter containing no Asbestos and
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		<1% Crystalline silica-respirable particulate matter)
Nova Scotia	OEL TWA (mg/m³)	2 mg/m³ (particulate matter containing no Asbestos and
		<1% Crystalline silica-respirable particulate matter)
Nunavut	OEL TWA (mg/m³)	2 mg/m³ (respirable fraction)
Northwest Territories	OEL TWA (mg/m³)	2 mg/m³ (respirable fraction)
Ontario	OEL TWA (mg/m³)	2 mg/m³ (containing no Asbestos and <1% Crystalline
		silica-respirable)
Prince Edward Island	OEL TWA (mg/m³)	2 mg/m³ (particulate matter containing no Asbestos and
		<1% Crystalline silica-respirable particulate matter)
Québec	VEMP (mg/m³)	3 mg/m³ (respirable dust)
Saskatchewan	OEL TWA (mg/m³)	2 mg/m³ (respirable fraction)
Yukon	OELTWA (mg/m³)	20 mppcf
Acetone (67-64-1)		
Mexico	OEL TWA (mg/m³)	2400 mg/m <sup>3</sup>
Mexico	OEL TWA (ppm)	1000 ppm
Mexico	OEL STEL (mg/m³)	3000 mg/m <sup>3</sup>
Mexico	OEL STEL (ppm)	1260 ppm
USA ACGIH	ACGIH TWA (ppm)	250 ppm
USA ACGIH	ACGIH STEL (ppm)	500 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA ACGIH	Biological Exposure Indices (BEI)	25 mg/l Parameter: Acetone - Medium: urine - Sampling
	, is a second of the second of	time: end of shift (nonspecific)
USA OSHA	OSHA PEL (TWA) (mg/m³)	2400 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m³)	590 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (ppm)	250 ppm
USA IDLH	US IDLH (ppm)	2500 ppm (10% LEL)
Alberta	OEL STEL (mg/m³)	1800 mg/m <sup>3</sup>
Alberta	OEL STEL (ppm)	750 ppm
Alberta	OELTWA (mg/m³)	1200 mg/m <sup>3</sup>
Alberta	OEL TWA (ppm)	500 ppm
British Columbia	OEL STEL (ppm)	500 ppm
British Columbia	OEL TWA (ppm)	250 ppm
Manitoba	OEL STEL (ppm)	500 ppm
Manitoba	OEL TWA (ppm)	250 ppm
New Brunswick	OEL STEL (mg/m³)	1782 mg/m³
New Brunswick	OEL STEL (ppm)	750 ppm
New Brunswick	OEL TWA (mg/m³)	1188 mg/m³
New Brunswick	OELTWA (ppm)	500 ppm
Newfoundland & Labrador	OEL STEL (ppm)	500 ppm
Newfoundland & Labrador	OEL TWA (ppm)	250 ppm
Nova Scotia	OEL STEL (ppm)	500 ppm
Nova Scotia	OEL TWA (ppm)	250 ppm
Nunavut	OEL STEL (ppm)	750 ppm
Nunavut	OEL TWA (ppm)	500 ppm
Northwest Territories	OEL STEL (ppm)	750 ppm
Northwest Territories	OELTWA (ppm)	500 ppm
Ontario	OEL STEL (ppm)	750 ppm
Ontario	OELTWA (ppm)	500 ppm
Prince Edward Island	OEL STEL (ppm)	500 ppm
Prince Edward Island	OELTWA (ppm)	250 ppm
Québec	VECD (mg/m³)	2380 mg/m <sup>3</sup>
quebec	TEOD (IIIS/ III )	2000 IIIS/ III

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Québec	VECD (ppm)	1000 ppm
Québec	VEMP (mg/m³)	1190 mg/m <sup>3</sup>
Québec	VEMP (ppm)	500 ppm
Saskatchewan	OEL STEL (ppm)	750 ppm
Saskatchewan	OEL TWA (ppm)	500 ppm
Yukon	OEL STEL (mg/m³)	3000 mg/m <sup>3</sup>
Yukon	OEL STEL (ppm)	1250 ppm
Yukon	OEL TWA (mg/m³)	2400 mg/m <sup>3</sup>
Yukon	OEL TWA (ppm)	1000 ppm

#### **Exposure Controls**

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.









Materials for Protective Clothing: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

**Hand Protection:** Wear protective gloves. **Eye Protection:** Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Environmental Exposure Controls:** Avoid release to the environment.

Other Information: When using, do not eat, drink or smoke

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

miormation on Basic Physical and Unemical Properties		
Physical State	:	Liquid
Appearance	:	Green
Odor	:	Characteristic

**Odor Threshold** Not available Not available ηH **Evaporation Rate** Slower than ether **Melting Point** 80 °C (176 °F) **Freezing Point** Not available **Boiling Point** 82 °C (179.6 °F) **Flash Point** 7.2 °C (44.96 °F) **Auto-ignition Temperature** Not available Not available **Decomposition Temperature** Flammability (solid, gas) Not available **Lower Flammable Limit** Not available **Upper Flammable Limit** Not available **Vapor Pressure** 12.6 kPa

**Relative Vapor Density at 20°C** : 2.4 **Relative Density** : Not available.

Relative Density : Not available

Specific Gravity : 0.96

**Solubility** : Not miscible in water.

**Partition Coefficient: N-Octanol/Water** : Not available **Viscosity** : 2000 cP

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#### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

**Chemical Stability:** Extremely flammable liquid and vapor. May form flammable or explosive vapor-air mixture.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

<u>Conditions to Avoid</u>: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Alkalis. Amines. Aldehydes. Ammonia. Reducing agents.

Hydrogen peroxide. Peroxides. Chlorides. Nitric acid. Sulfuric acid. Chloroform. Perchlorates. Bromoform.

<u>Hazardous Decomposition Products</u>: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### SECTION 11: TOXICOLOGICAL INFORMATION

#### **Information on Toxicological Effects - Product**

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified
ID50 and IC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: Not classified

**Germ Cell Mutagenicity:** Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation. May cause drowsiness or dizziness.

**Aspiration Hazard:** Not classified

Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis. Repeated or prolonged skin contact may cause dermatitis and defatting. May cause an allergic reaction in sensitive individuals.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects. Swallowing a large amount may cause CNS effects, and if the viscosity is altered, aspiration into the lungs may occur resulting in lung injury.

**Chronic Symptoms:** None known.

#### Information on Toxicological Effects - Ingredient(s)

#### ID50 and IC50 Data:

Xylenes (o-, m-, p- isomers) (1330-20-7)	
ID50 Oral Rat	> 5000 mg/kg
IC50 Inhalation Rat	29.08 mg/l/4h
ATE US/CA (dermal)	1,100.00 mg/kg body weight
ATE US/CA (vapors)	11.00 mg/l/4h
2-Butanone (78-93-3)	
LD50 Oral Rat	2054 mg/kg
ID50 Dermal Rat	> 10 ml/kg
ID50 Dermal Rabbit	5000 mg/kg
IC50 Inhalation Rat	34.5 mg/l/4h
IC50 Inhalation Rat	11700 ppm/4h
Propanol, oxybis-, dibenzoate (27138-31-4)	
ID50 Dermal Rat	> 2000 mg/kg
Acetone (67-64-1)	

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5800 mg/kg	
15688 mg/kg	
44 g/m³	
75.8 mg/l/4h	
Xylenes (o-, m-, p- isomers) (1330-20-7)	
3	
Talc (14807-96-6)	
3	
Evidence of Carcinogenicity.	
Acetone (67-64-1)	
In OSHA Specifically Regulated Carcinogen list.	

#### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology - General:** Toxic to aquatic life.

Xylenes (o-, m-, p- isomers) (1330-20-7)		
IC50 Fish 1	3.3 mg/l	
EC50 Daphnia 1	3.82 mg/l (Exposure time: 48 h - Species: water flea)	
IC50 Fish 2	2.661 (2.661 - 4.093) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
NOEC Chronic Crustacea	1.17	
2-Butanone (78-93-3)		
IC50 Fish 1	3130 (3130 - 3320) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-	
	through])	
EC50 Daphnia 1	520 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
EC50 Daphnia 2	5091 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Talc (14807-96-6)		
IC50 Fish 1	> 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])	
Propanol, oxybis-, dibenzoate (27138-31-4)		
IC50 Fish 1	3.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
NOEC Chronic Fish	1.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
Acetone (67-64-1)		
IC50 Fish 1	4144.846 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 Daphnia 1	1679.66 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])	
IC50 Fish 2	6210 (6210 - 8120) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 Daphnia 2	12600 (12600 - 12700) mg/l (Exposure time: 48 h - Species: Daphnia magna)	

### **Persistence and Degradability**

Liquid Electrical Tape - Green	
Persistence and Degradability	Not established.
Acetone (67-64-1)	
Persistence and Degradability	Readily biodegradable in water.

#### **Bioaccumulative Potential**

Liquid Electrical Tape - Green	
Bioaccumulative Potential	Not established.
Xylenes (o-, m-, p- isomers) (1330-20-7)	
BCF Fish 1	0.6 (0.6 - 15)
Log Pow	2.77 - 3.15
2-Butanone (78-93-3)	
Log Pow	0.3
Talc (14807-96-6)	
BCF Fish 1	(no known bioaccumulation)
Acetone (67-64-1)	

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BCF Fish 1	0.69
Log Pow	-0.24
Log Kow	-0.24

**Mobility in Soil** Not available

**Other Adverse Effects** 

**Other Information:** Avoid release to the environment.

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations

Additional Information: Handle empty containers with care because residual vapors are flammable.

**Ecology** - **Waste Materials**: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

#### SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

#### In Accordance with DOT

**Proper Shipping Name** : FLAMMABLE LIQUIDS, N.O.S. (2-Butanone; Acetone)

Hazard Class : 3 Identification Number : UN1993 Iabel Codes : 3

Packing Group : II
ERG Number : 128
Marine Pollutant : No

Other Information : This product meets the limited quantities exemption as follows: DOT: Not regulated as

dangerous goods when shipped in inner packagings equal to or less than 1L. Otherwise, the

above descriptions apply.

#### In Accordance with IMDG

**Proper Shipping Name** : FLAMMABLE LIQUID, N.O.S. (2-Butanone; Acetone)

Hazard Class : 3

**Identification Number** : UN1993

Iabel Codes: 3Packing Group: IIEmS-No. (Fire): F-EEmS-No. (Spillage): S-E

In Accordance with IATA

**Proper Shipping Name** : FLAMMABLE LIQUID, N.O.S. (2-Butanone; Acetone)

**Identification Number** : 3

Hazard Class : UN1993

Iabel Codes: 3Packing Group: IIERG Code (IATA): 3H

In Accordance with TDG

**Proper Shipping Name** : FLAMMABLE LIQUID, N.O.S. (2-Butanone; Acetone)

Hazard Class : 3

Identification Number: UN1993Iabel Codes: 3

Packing Group :  $\Pi$ 



#### **SECTION 15: REGULATORY INFORMATION**

#### **US Federal Regulations**

Liquid Electrical Tape - Green	
SARA Section 311/312 Hazard Classes Fire	e hazard

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	Immediate (acute) health hazard	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Subject to reporting requirements of United States SARA Section 313		
CERCIA RQ	100 lb	
SARA Section 313 - Emission Reporting	1.0 %	
2-Butanone (78-93-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
CERCIA RQ	5000 lb	
Talc (14807-96-6)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Propanol, oxybis-, dibenzoate (27138-31-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Acetone (67-64-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
CERCIA RQ	5000 lb	

#### **US State Regulations**

Ethylbenzene (trace amount) (100-41-4)	
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of
	California to cause cancer.

#### **Xylenes (o-, m-, p- isomers) (1330-20-7)**

- U.S. California SCAQMD Toxic Air Contaminants Non-Cancer Acute
- U.S. California SCAQMD Toxic Air Contaminants Non-Cancer Chronic
- U.S. California Toxic Air Contaminant List (AB 1807, AB 2728)
- U.S. Colorado Groundwater Quality Standards
- U.S. Colorado Hazardous Wastes Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
- U.S. Colorado Primary Drinking Water Regulations Maximum Contaminant Level Goals (MCLGs)
- U.S. Colorado Primary Drinking Water Regulations Maximum Contaminant Levels (MCLs)
- U.S. Connecticut Drinking Water Quality Standards Maximum Contaminant Levels
- U.S. Delaware Pollutant Discharge Requirements Reportable Quantities
- U.S. Florida Drinking Water Standards Volatile Organic Contaminants Maximum Contaminant Levels (MCLs)
- U.S. Georgia Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Acceptable Ambient Concentrations
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Emission Levels (ELs)
- U.S. Idaho Occupational Exposure Limits TWAs
- **U.S. Illinois Toxic Air Contaminants**
- U.S. Louisiana Reportable Quantity List for Pollutants
- U.S. Maine Air Pollutants Hazardous Air Pollutants
- U.S. Massachusetts Allowable Ambient Limits (AALs)
- U.S. Massachusetts Allowable Threshold Concentrations (ATCs)
- U.S. Massachusetts Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 2
- U.S. Massachusetts Oil & Hazardous Material List Reportable Quantity
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 2
- RTK U.S. Massachusetts Right To Know List
- U.S. Massachusetts Threshold Effects Exposure Limits (TELs)
- U.S. Massachusetts Toxics Use Reduction Act
- U.S. Michigan Occupational Exposure Limits STELs
- U.S. Michigan Occupational Exposure Limits TWAs
- U.S. Michigan Polluting Materials List

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- U.S. Minnesota Chemicals of High Concern
- U.S. Minnesota Groundwater Health Risk Limits
- U.S. Minnesota Hazardous Substance List
- **U.S. Minnesota Permissible Exposure Limits STELs**
- U.S. Minnesota Permissible Exposure Limits TWAs
- U.S. Missouri Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. Nebraska Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. New Hampshire Drinking Water Maximum Contaminant Levels (MCLs)
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) 24-Hour
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AAIs) Annual
- U.S. New Jersey Discharge Prevention List of Hazardous Substances
- U.S. New Jersey Environmental Hazardous Substances List
- U.S. New Jersey Primary Drinking Water Standards Maximum Contaminant Levels MCIs
- RTK U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- U.S. New Jersey Water Quality Ground Water Quality Criteria
- U.S. New Jersey Water Quality Practical Quantitation Levels (PQLs)
- U.S. New Mexico Water Quality Standards for Ground Water of 10,000 mg/L TDS Concentration or Less
- U.S. New York Occupational Exposure Limits TWAs
- U.S. New York Reporting of Releases Part 597 List of Hazardous Substances
- U.S. North Carolina Control of Toxic Air Pollutants
- U.S. North Dakota Air Pollutants Guideline Concentrations 1-Hour
- U.S. North Dakota Air Pollutants Guideline Concentrations 8-Hour
- U.S. North Dakota Hazardous Wastes Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
- U.S. North Dakota Water Quality Standards Human Health Value for Classes I, IA, II
- U.S. Oregon Permissible Exposure Limits TWAs
- U.S. California Safer Consumer Products Initial List of Candidate Chemicals and Chemical Groups
- U.S. Pennsylvania Drinking Water Maximum Contaminant Levels (MCLs)
- RTK U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- RTK U.S. Pennsylvania RTK (Right to Know) List
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels 1-Hour
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels 24-Hour
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels Annual
- U.S. Rhode Island Water Quality Standards Acute Freshwater Aquatic Life Criteria
- U.S. Rhode Island Water Quality Standards Chronic Freshwater Aquatic Life Criteria
- U.S. South Carolina Maximum Contaminant Levels (MCLs)
- U.S. South Carolina Toxic Air Pollutants Maximum Allowable Concentrations
- U.S. South Carolina Toxic Air Pollutants Pollutant Categories
- U.S. Tennessee Occupational Exposure Limits STELs
- U.S. Tennessee Occupational Exposure Limits TWAs
- U.S. Texas City of Austin Aerosol Paint and Glue Restrictions
- U.S. Texas Drinking Water Standards Maximum Contaminant Levels (MCLs)
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term
- U.S. Utah Drinking Water Maximum Contaminant Levels (MCIs)
- U.S. Washington Dangerous Waste Discarded Chemical Products List
- **U.S. Washington Permissible Exposure Limits STELs**
- U.S. Washington Permissible Exposure Limits TWAs
- U.S. West Virginia Water Quality Groundwater Standards Ceiling Concentrations
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 25 Feet to Less Than 40 Feet
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 40 Feet to Less Than 75 Feet
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 75 Feet or Greater
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights Less Than 25 Feet

2-Butanone (78-93-3)

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- U.S. California SCAQMD Toxic Air Contaminants Non-Cancer Acute
- U.S. California SCAQMD Toxic Air Contaminants With Proposed Risk Values
- U.S. California Toxic Air Contaminant List (AB 1807, AB 2728)
- U.S. Colorado Hazardous Wastes Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
- U.S. Colorado Hazardous Wastes Maximum Concentration for the Toxicity Characteristics
- U.S. Connecticut Hazardous Air Pollutants HLVs (30 min)
- U.S. Connecticut Hazardous Air Pollutants HLVs (8 hr)
- **U.S. Connecticut Volatile Substances**
- U.S. Delaware Pollutant Discharge Requirements Reportable Quantities
- U.S. Florida Essential Chemicals List
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Acceptable Ambient Concentrations
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Emission Levels (ELs)
- U.S. Idaho Occupational Exposure Limits TWAs
- **U.S. Illinois Toxic Air Contaminants**
- U.S. Louisiana Reportable Quantity List for Pollutants
- U.S. Massachusetts Allowable Ambient Limits (AALs)
- U.S. Massachusetts Allowable Threshold Concentrations (ATCs)
- **U.S. Massachusetts Drinking Water Guidelines**
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 2
- U.S. Massachusetts Oil & Hazardous Material List Reportable Quantity
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 2
- RTK U.S. Massachusetts Right To Know List
- U.S. Massachusetts Threshold Effects Exposure Limits (TELs)
- U.S. Massachusetts Toxics Use Reduction Act
- U.S. Michigan Occupational Exposure Limits STELs
- U.S. Michigan Occupational Exposure Limits TWAs
- U.S. Michigan Polluting Materials List
- U.S. Minnesota Groundwater Health Risk Limits
- U.S. Minnesota Hazardous Substance List
- U.S. Minnesota Permissible Exposure Limits STELs
- U.S. Minnesota Permissible Exposure Limits TWAs
- U.S. Nebraska Maximum Concentration of Contaminants for the Toxicity Characteristic
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) 24-Hour
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) Annual
- U.S. New Jersey Discharge Prevention List of Hazardous Substances
- RTK U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- U.S. New Jersey Water Quality Ground Water Quality Criteria
- U.S. New Jersey Water Quality Practical Quantitation Levels (PQLs)
- U.S. New York Occupational Exposure Limits TWAs
- U.S. New York Reporting of Releases Part 597 List of Hazardous Substances
- U.S. North Carolina Control of Toxic Air Pollutants
- U.S. North Dakota Air Pollutants Guideline Concentrations 1-Hour
- U.S. North Dakota Air Pollutants Guideline Concentrations 8-Hour
- U.S. North Dakota Hazardous Wastes Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
- U.S. North Dakota Hazardous Wastes Maximum Concentration for the Toxicity Characteristic
- U.S. Oregon Permissible Exposure Limits TWAs
- U.S. California Safer Consumer Products Initial List of Candidate Chemicals and Chemical Groups
- RTK U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- RTK U.S. Pennsylvania RTK (Right to Know) List
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels 1-Hour
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels 24-Hour

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- U.S. South Carolina Toxic Air Pollutants Maximum Allowable Concentrations
- U.S. South Carolina Toxic Air Pollutants Pollutant Categories
- U.S. Tennessee Occupational Exposure Limits STELs
- U.S. Tennessee Occupational Exposure Limits TWAs
- U.S. Texas City of Austin Aerosol Paint and Glue Restrictions
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term
- U.S. Vermont Hazardous Waste Hazardous Constituents
- U.S. Vermont Hazardous Waste Maximum Contaminant Concentration for Toxicity
- **U.S. Vermont Permissible Exposure Limits STELs**
- U.S. Vermont Permissible Exposure Limits TWAs
- U.S. Washington Dangerous Waste Dangerous Waste Constituents List
- U.S. Washington Dangerous Waste Discarded Chemical Products List
- U.S. Washington Permissible Exposure Limits STELs
- U.S. Washington Permissible Exposure Limits TWAs

#### Talc (14807-96-6)

- U.S. Idaho Occupational Exposure Limits Mineral Dusts
- RTK U.S. Massachusetts Right To Know List
- U.S. Michigan Occupational Exposure Limits TWAs
- U.S. Minnesota Hazardous Substance List
- U.S. Minnesota Permissible Exposure Limits TWAs
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) 24-Hour
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) Annual
- RTK U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- U.S. New York Occupational Exposure Limits Mineral Dusts
- U.S. New York Occupational Exposure Limits TWAs
- U.S. North Dakota Air Pollutants Guideline Concentrations 8-Hour
- U.S. Oregon Permissible Exposure Limits Mineral Dusts
- RTK U.S. Pennsylvania RTK (Right to Know) List
- U.S. Tennessee Occupational Exposure Limits TWAs
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term
- **U.S. Vermont Permissible Exposure Limits STELs**
- U.S. Vermont Permissible Exposure Limits TWAs
- U.S. Washington Permissible Exposure Limits STELs
- U.S. Washington Permissible Exposure Limits TWAs
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 25 Feet to Less Than 40 Feet
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 40 Feet to Less Than 75 Feet
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 75 Feet or Greater
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights Less Than 25 Feet

#### Propanol, oxybis-, dibenzoate (27138-31-4)

- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term

#### Acetone (67-64-1)

- U.S. Colorado Groundwater Quality Standards
- U.S. Colorado Hazardous Wastes Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
- U.S. Connecticut Hazardous Air Pollutants HLVs (30 min)
- U.S. Connecticut Hazardous Air Pollutants HLVs (8 hr)
- **U.S. Connecticut Volatile Substances**
- U.S. Delaware Pollutant Discharge Requirements Reportable Quantities
- U.S. Delaware Volatile Organic Compounds Exempt from Requirements
- U.S. Florida Essential Chemicals List

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- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Acceptable Ambient Concentrations
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Emission Levels (ELs)
- U.S. Idaho Occupational Exposure Limits TWAs
- U.S. Louisiana Reportable Quantity List for Pollutants
- **U.S. Massachusetts Allowable Ambient Limits (AALs)**
- U.S. Massachusetts Allowable Threshold Concentrations (ATCs)
- **U.S. Massachusetts Drinking Water Guidelines**
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 2
- U.S. Massachusetts Oil & Hazardous Material List Reportable Quantity
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 2
- RTK U.S. Massachusetts Right To Know List
- U.S. Massachusetts Threshold Effects Exposure Limits (TELs)
- **U.S.** Massachusetts Toxics Use Reduction Act
- U.S. Massachusetts Volatile Organic Compounds Exempt From Requirements
- U.S. Michigan Occupational Exposure Limits STELs
- U.S. Michigan Occupational Exposure Limits TWAs
- U.S. Michigan Polluting Materials List
- U.S. Minnesota Groundwater Health Risk Limits
- U.S. Minnesota Hazardous Substance List
- U.S. Minnesota Permissible Exposure Limits STELs
- U.S. Minnesota Permissible Exposure Limits TWAs
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AALs) 24-Hour
- U.S. New Hampshire Regulated Toxic Air Pollutants Ambient Air Levels (AAIs) Annual
- U.S. New Jersey Discharge Prevention List of Hazardous Substances
- U.S. New Jersey Excluded Volatile Organic Compounds
- RTK U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- U.S. New Jersey Water Quality Ground Water Quality Criteria
- U.S. New Jersey Water Quality Practical Quantitation Levels (PQLs)
- U.S. New York Occupational Exposure Limits TWAs
- U.S. New York Reporting of Releases Part 597 List of Hazardous Substances
- U.S. North Dakota Air Pollutants Guideline Concentrations 1-Hour
- U.S. North Dakota Air Pollutants Guideline Concentrations 8-Hour
- U.S. North Dakota Hazardous Wastes Discarded Chemical Products, Off-Specification Species, Container and Spill Residues
- U.S. Oregon Permissible Exposure Limits TWAs
- U.S. California Safer Consumer Products Initial List of Candidate Chemicals and Chemical Groups
- RTK U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- RTK U.S. Pennsylvania RTK (Right to Know) List
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels 1-Hour
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels 24-Hour
- U.S. Tennessee Occupational Exposure Limits STELs
- U.S. Tennessee Occupational Exposure Limits TWAs
- U.S. Texas City of Austin Aerosol Paint and Glue Restrictions
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term
- **U.S. Vermont Permissible Exposure Limits STELs**
- U.S. Vermont Permissible Exposure Limits TWAs
- U.S. Washington Dangerous Waste Discarded Chemical Products List
- U.S. Washington Permissible Exposure Limits STELs
- **U.S. Washington Permissible Exposure Limits TWAs**

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According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

#### **Canadian Regulations**

**Xylenes (o-, m-, p- isomers) (1330-20-7)** 

Listed on the Canadian DSL (Domestic Substances List)

2-Butanone (78-93-3)

Listed on the Canadian DSL (Domestic Substances List)

Talc (14807-96-6)

Listed on the Canadian DSL (Domestic Substances List)

Propanol, oxybis-, dibenzoate (27138-31-4)

Listed on the Canadian DSL (Domestic Substances List)

Acetone (67-64-1)

Listed on the Canadian DSL (Domestic Substances List)

#### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** :03/02/2017

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA

Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products

Regulations (HPR).

#### **GHS Full Text Phrases:**

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:vapor)	Acute toxicity (inhalation:vapor) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
Н332	Harmful if inhaled
Н335	May cause respiratory irritation
Н336	May cause drowsiness or dizziness
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

**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.

: 0 - Normally stable, even under fire exposure conditions, **NFPA Reactivity Hazard** 

and are not reactive with water.

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. NA GHS SDS 2015 (US, Can, Mex)

03/02/2017 - RTATAR-VWCC EN (English US) 17/17