



# LEXCOR MATERIAL SAFETY DATA SHEET

DATE PREPARED: 04/15/2015

## SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

### PRODUCT NAME

LEXBOND SILICONE SEALANT

### SUPPLIER NAME AND ADDRESS

Lexsuco 2010 Corporation  
3275 Orlando Dr.  
Mississauga, ON L4V 1C5  
Tel: 905.792.8300 Fax: 905.792.8305

### EMERGENCY TELEPHONE NUMBER:

CHEMTREC: 1-800-424-9300 (24 hours every day)

General Use: Sealant

## SECTION 2 - HAZARDS IDENTIFICATION

### GHS Classification



**Classification:** This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
**Skin sensitization:** Category 1  
**Emergency Overview:** Signal word - Warning  
**Hazard Statements:** May cause an allergic skin reaction  
**Appearance:** Varies  
**Physical State:** Paste Liquid  
**Odor:** Mild

### Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves

### Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

### Skin

IF ON SKIN: Wash with plenty of soap and water  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse

### Precautionary Statements - Storage

None

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

Not applicable

**Unknown Toxicity**

69.21% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Causes mild skin irritation

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

**Interactions with Other Chemicals**

No information available.

<b>SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS</b>
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Ingredient Name	CAS #	*Wt %
Hydroxy Functional polydimethyl siloxane polymer	70131-67-8	45-55
Silicone Dioxide	112945-52-5	1-15
Methyl-O,O',O''-butan-2-on-trioximo-silane	22984-54-9	1-15
Polydimethyl Siloxane	63148-62-9	25-30
Calcium Carbonate (Limestone)	1317-65-3	5-20
Carbon Black (if needed)	1333-86-4	0-1

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

<b>SECTION 4 - FIRST AID MEASURES</b>
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**General Advice:** Show this safety data sheet to the doctor in attendance.

**Eye Contact:** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact:** Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Inhalation:** Remove to fresh air.

**Ingestion:** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Most Important Symptoms and Effects:**

Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

**Notes to Physician:** May cause sensitization of susceptible persons; treat symptomatically. Treat according to person's condition and specifics of exposure.

<b>SECTION 5 - FIRE FIGHTING MEASURES</b>
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**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical:**

Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code                      Sensitizer: Liquid

**Hazardous Combustion Products:** Carbon oxides

**Explosion Data:** Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: No

**Protective equipment and precautions for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions:** Avoid contact with eyes.  
**Other Information:** Refer to protective measures listed in Sections 7 and 8.

### Environmental Precautions

**Environmental Precautions:** Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.  
**Methods for cleaning up:** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## SECTION 7 - HANDLING & STORAGE

### Precautions for safe handling

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

### Conditions for safe storage, including any incompatibilities

**Storage:** Keep container tightly closed.  
**Incompatible Products:** None known based on information supplied.

## SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	10 mg/m3	TWA: 20 mppcf; ((80)/(%) SiO2) mg/m3)	IDLH: 3000 mg/m3 TWA: 6 mg/m3
Supplier Trade Secret	-	TWA: 15 mg/m3 TWA: 5 mg/m3 (vacated) TWA: 15 mg/m3 (vacated) TWA: 5 mg/m3	TWA: 5 mg/m3 respirable dust TWA: 10 mg/m3 total dust
Supplier Trade Secret	TWA: 10 mg/m3	TWA: 15 mg/m3 total dust (vacated) TWA: 10 mg/m3 total dust	IDLH: 5000 mg/m3
Supplier Trade Secret	TWA: 3 mg/m3 inhalable fraction	TWA: 3.5 mg/m3 (vacated) TWA: 3.5 mg/m3	IDLH: 1750 mg/m3 TWA: 3.5 mg/m3 TWA: 0.1 mg/m3 Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

**Other Exposure Guidelines:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir. 1992) See section 15 for national exposure control parameters

**Appropriate engineering controls:** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection:** Wear safety glasses with side shields (or goggles).  
**Skin and Body Protection:** Wear protective gloves and protective clothing.

**Respiratory Protection:**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures:**

Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

<b>SECTION 9 - PHYSICAL &amp; CHEMICAL PROPERTIES</b>
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Physical Form: Paste, Liquid  
 Color: Varies  
 Odor: Mild  
 Odor Threshold: No information available  
 Appearance: Varies

Property	Values	Remarks Method
pH	UNKNOWN	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapour pressure	No data available	None known
Vapour density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing Properties	No data available	

**Other Information**

Softening Point: No data available  
 VOC Content (g/L): VOC Compliant less water and less than 29 g/L  
 Particle Size: No data available  
 Particle Size Distribution: No data available

<b>SECTION 10 - STABILITY &amp; REACTIVITY</b>
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**Reactivity:** No data available.  
**Chemical stability:** Stable under recommended storage conditions.  
**Possibility of Hazardous Reactions:** None under normal processing.  
**Hazardous Polymerization:** Hazardous polymerization does not occur.  
**Conditions to avoid:** None known based on information supplied.  
**Incompatible materials:** None known based on information supplied.  
**Hazardous Decomposition Products:** Carbon oxides.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Inhalation:** Specific test data for the substance or mixture is not available.  
**Eye Contact:** Specific test data for the substance or mixture is not available.  
**Skin Contact:** Specific test data for the substance or mixture is not available.  
**Ingestion:** Specific test data for the substance or mixture is not available.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Supplier Trade Secret	> 10000 mg/kg (rat)	-	-
Supplier Trade Secret	> 15400 mg/kg (rat)	> 3 g/kg (rabbit)	-

#### Information on toxicological effects

**Symptoms:** Itching. Rashes. Hives.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization:** May cause sensitization of susceptible persons. May cause sensitization by skin contact.  
**Mutagenic Effects:** No information available.  
**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret	-	Group 3	-	-
Supplier Trade Secret	-	Group 2B	-	X
Supplier Trade Secret	A3	Group 2B	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

**Reproductive Toxicity:** No information available.  
**STOT - single exposure:** No information available.  
**STOT - repeated exposure:** No information available.  
**Chronic Toxicity:** No known effect based on information supplied. Carbon black has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains carbon black in a non-respirable form. Inhalation of carbon black is unlikely to occur from exposure to this product. Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.  
**Target Organ Effects:** Skin. Respiratory system. Eyes. Gastrointestinal tract (GI). Lungs. Lymphatic System.  
**Aspiration Hazard:** No information available.

#### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document: Not applicable

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Supplier Trade Secret	-	-	-	24h EC50: >5600mg/L

**Persistence and Degradability:** No information available.  
**Bioaccumulation:** No information available  
**Other adverse effects:** No information available.

### SECTION 13 - DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal methods:** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging:** Dispose of contents/containers in accordance with local regulations.

### SECTION 14 - TRANSPORT INFORMATION

<b>DOT</b>	NOT REGULATED
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>ADN</b>	Not regulated

### SECTION 15 - REGULATORY INFORMATION

#### International Inventories

**TSCA:** Complies  
**DSL:** All components are listed either on the DSL or NDSL.  
**TSCA:** United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL:** Canadian Domestic Substances List/Non-Domestic Substances List

#### US Federal Regulations

**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

**CWA (Clean Water Act):** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65:** None reportable.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X	X		
Supplier Trade Secret	X	X	X		X
Supplier Trade Secret		X			

**International Regulations**

**Mexico**

Component	Carcinogen Status	Exposure Limits
Supplier Trade Secret (1-5)		TWA= 10 mg/m3 STEL= 20 mg/m3
Supplier Trade Secret (1-5)		TWA= 10 mg/m3 STEL= 20 mg/m3
Supplier Trade Secret (1-5)		TWA= 3.5 mg/m3 STEL= 7 mg/m3

**Canada**

WHMIS Hazard Class  
D2B - Toxic materials



<b>SECTION 16 - OTHER INFORMATION</b>
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**NFPA**

Health Hazards: 2  
 Flammability: 0  
 Instability: 0  
 Physical/Chemical Haz. -

**HMIS**

Health Hazards: 2  
 Flammability: 0  
 Physical Hazard: 0  
 Personal Protection: X

*The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.*

**Reference:** *The information herein is presented in good faith and believed to be correct as of the date hereof. Information is based upon supplier issued material safety data sheets and may be subject to error. If apprised of changes, updated MSDS will be promptly issued. Users must make their own determination regarding the suitability of the product for their own purposes prior to use.*

*Prepared by Lexsuco 2010 Corporation.*