



# LEXCOR SAFETY DATA SHEET

DATE PREPARED: 10/05/2018

## SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

### PRODUCT NAME

MAGIC SAND

### SUPPLIER NAME AND ADDRESS

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

### EMERGENCY TELEPHONE NUMBER:

CANUTEC 613-996-6666 (24 hours every day)

### Regulatory Information Number:

Tel: 1-877-792-8308

Prepared by: Lexusco 2010 Corporation

Intended Use: temporary roofing sealant

## SECTION 2 - HAZARDS IDENTIFICATION

**Classification of the Substance or mixture:** Not classified.

### **GHS label elements**

**Signal word:** No signal word.

**Hazard statements:** No known significant effects or critical hazards.

### **Precautionary statements**

**Prevention:** Not applicable.

**Response:** Not applicable.

**Storage:** Not applicable.

**Disposal:** Not applicable.

## SECTION 3 - INFORMATION ON INGREDIENTS

**Substance/mixture:** Mixture.

**Other means of identification:** Not available.

<b>Ingredient name</b>	<b>%</b>	<b>CAS number</b>
Bentonite	≥80	1302-78-9
Limestone	≤20	1317-65-3
Crystalline silica, quartz	≤5	14808-60-7
Crystalline silica, cristobalite	<1	14464-46-1
Crystalline silica, tridymite	<1	15468-32-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**\* Since the product is in granular form, the risk of exposure to a carcinogen dust is minimum; this is why the related hazard statements are not shown in this SDS.**

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## SECTION 4 - FIRST AID MEASURES

### Description of first aid measures

#### Eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband

#### Skin Contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

#### Ingestion:

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact:** No known significant effects or critical hazards.

**Inhalation:** No known significant effects or critical hazards.

**Skin contact:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact:** No known significant effects or critical hazards.

**Inhalation:** No known significant effects or critical hazards.

**Skin contact:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments:** No specific treatment.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## SECTION 5 - FIRE FIGHTING MEASURES

### Extinguishing media

#### Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

#### Unsuitable extinguishing media

None known.

### Specific hazards arising from the chemical

No specific fire or explosion hazard.

**Hazardous thermal decomposition products**

Decomposition products may include the following materials:

Carbon dioxide, carbon monoxide and metal oxide/oxides

**Special protective actions for fire-fighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

<b>SECTION 6 - ACCIDENTAL RELEASE MEASURES</b>
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**For non-emergency personnel**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and material for containment and cleaning up****Small Spill**

Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

**Large spill**

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

<b>SECTION 7 - HANDLING &amp; STORAGE</b>
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**Precautions for safe handling****Protective measures**

Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## SECTION 8 – EXPOSURE CONTROL & PERSONAL PROTECTION

### Control parameters

### Occupational exposure limits

#### Ingredient name

Bentonite

#### Exposure limits

None.

Limestone

#### NIOSH REL (United States, 10/2013).

TWA: 5 mg/m<sup>3</sup> 10 hours. Form: Respirable fraction

TWA: 10 mg/m<sup>3</sup> 10 hours. Form: Total

#### OSHA PEL (United States, 6/2016).

TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction

TWA: 15 mg/m<sup>3</sup> 8 hours. Form: Total dust

Crystalline silica, respirable powder

#### OSHA PEL Z3 (United States, 6/2016).

TWA: 250 mppcf / (%SiO<sub>2</sub>+5) 8 hours. Form: Respirable

TWA: 10 mg/m<sup>3</sup> / (%SiO<sub>2</sub>+2) 8 hours. Form: Respirable

#### OSHA PEL (United States, 6/2016).

TWA: 50 µg/m<sup>3</sup> 8 hours. Form: Respirable dust

#### ACGIH TLV (United States, 3/2016).

TWA: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction

#### NIOSH REL (United States, 10/2013).

TWA: 0.05 mg/m<sup>3</sup> 10 hours. Form: respirable dust

Crystalline silica, cristobalite

#### OSHA PEL Z3 (United States, 6/2016).

TWA: 250 mppcf / 2 x (%SiO<sub>2</sub>+5) 8 hours. Form: Respirable

TWA: 10 mg/m<sup>3</sup> / 2 x (%SiO<sub>2</sub>+2) 8 hours. Form: Respirable

TWA: 30 mg/m<sup>3</sup> / 2 x (%SiO<sub>2</sub>+2) 8 hours. Form: Total dust

#### OSHA PEL (United States, 6/2016).

TWA: 50 µg/m<sup>3</sup> 8 hours. Form: Respirable dust

#### ACGIH TLV (United States, 3/2016).

TWA: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction

#### NIOSH REL (United States, 10/2013).

TWA: 0.05 mg/m<sup>3</sup> 10 hours. Form: respirable dust

Crystalline silica, tridymite

#### OSHA PEL Z3 (United States, 6/2016).

TWA: 250 mppcf / 2 x (%SiO<sub>2</sub>+5) 8 hours.

Form: Respirable

TWA: 10 mg/m<sup>3</sup> / 2 x (%SiO<sub>2</sub>+2) 8 hours. Form: Respirable

TWA: 30 mg/m<sup>3</sup> / 2 x (%SiO<sub>2</sub>+2) 8 hours. Form: Total dust

#### OSHA PEL (United States, 6/2016).

TWA: 50 µg/m<sup>3</sup> 8 hours. Form: Respirable dust

#### NIOSH REL (United States, 10/2013).

TWA: 0.05 mg/m<sup>3</sup> 10 hours. Form: respirable dust

### Appropriate engineering controls

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side- shields.

### **Skin protection**

#### **Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

#### **Body protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **Other skin protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### **Respiratory protection**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## **SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES**

<b>Physical state:</b>	Solid. [Granular solid.]
<b>Colour:</b>	Gray. [Light]
<b>Odor:</b>	Baby powder.
<b>Odor threshold:</b>	Not available.
<b>Ph:</b>	Not applicable.
<b>Melting point:</b>	Not available.
<b>Boiling point:</b>	Not available.
<b>Flash point:</b>	Not applicable.
<b>Evaporation rate:</b>	Not applicable.
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Lower and upper explosive (flammable) limits:</b>	Not applicable.
<b>Vapor pressure:</b>	Not applicable.
<b>Vapor density:</b>	Not applicable.
<b>Relative density:</b>	Not available.
<b>Density:</b>	Not available.
<b>Solubility:</b>	Not available.
<b>Solubility in water:</b>	Insoluble
<b>Partition coefficient: n- octanol/water:</b>	Not applicable.
<b>Auto-ignition temperature:</b>	Not applicable.
<b>Decomposition temperature:</b>	Not available.
<b>SADT:</b>	Not available.
<b>Viscosity:</b>	Not applicable.
<b>Flow time (ISO 2431):</b>	Not available.

## **SECTION 10 - STABILITY & REACTIVITY**

### **Reactivity**

No specific test data related to reactivity available for this product or its ingredients.

### **Chemical stability**

The product is stable.

### **Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

### **Conditions to avoid**

No specific data.

### **Incompatible materials**

Reactive or incompatible with the following materials: oxidizing materials.

## Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# SECTION 11 - TOXICOLOGICAL INFORMATION

## Information on toxicological effects

### Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Bentonite	LD50 Oral	Rat	>2000 mg/kg	-
Limestone	LD50 Oral	Rat	6450 mg/kg	-
Crystalline silica, quartz	LD50 Oral	Rat	500 mg/kg	-

### Irritation / corrosion

Not available.

### Sensitization

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Crystalline silica, quartz	-	1	Known to be a human carcinogen.
Crystalline silica, cristobalite	-	1	Known to be a human carcinogen.
Crystalline silica, tridymite	-	-	Known to be a human carcinogen.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Bentonite	Category 1	Inhalation	lungs
Limestone	Category 1	Inhalation	lungs
Crystalline silica, quartz	Category 1	Inhalation	lungs
Crystalline silica, cristobalite	Category 1	Inhalation	lungs
Crystalline silica, tridymite	Category 1	Inhalation	lungs

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Routes of entry anticipated: Oral, Dermal, Inhalation.

### Potential acute health effects

**Eye contact:** No known significant effects or critical hazards.

**Inhalation:** No known significant effects or critical hazards.

**Skin contact:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact:** No specific data.  
**Inhalation:** No specific data.  
**Skin contact:** No specific data.  
**Ingestion:** No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

**Potential immediate effects:** Not available  
**Potential delayed effect:** Not available

**Long term exposure**

**Potential immediate effects:** Not available  
**Potential delayed effect:** Not available

**Potential chronic health effects**

**General:** Causes damage to organs through prolonged of repeated exposure.  
**Carcinogenicity:** May cause cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity:** No known significant effects or critical hazards.  
**Teratogenicity:** No known significant effects or critical hazards.  
**Developmental effects:** No known significant effects or critical hazards.  
**Fertility effects:** No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**

<b>Route</b>	<b>ATE value</b>
Oral	11607.1 mg/kg

**SECTION 12 - ECOLOGICAL INFORMATION**

**Toxicity**

<b>Product/ingredient name</b>	<b>Result</b>	<b>Species</b>	<b>Exposure</b>
Bentonite	Acute LC50 19000000 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not available.

**Mobility in soil**

**Soil/water partition coefficient (KOC)\**  
Not available.

**Other adverse effects**

No known significant effects or critical hazards.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal methods**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14 - TRANSPORT INFORMATION

	<b>DOT Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-
<b>Transport hazard class(es)</b>	-	-	-
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	No.	No.	No.

### Additional information

#### Special precautions for user

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

#### Transport in bulk according to Annex II of MARPOL and the IBC Code

Not available.

## SECTION 15 - REGULATORY INFORMATION

### U.S. Federal regulations

#### : United States inventory (TSCA 8b):

All components are listed or exempted.

#### Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs):

Not listed.

#### Clean Air Act Section 602 Class I Substances:

Not listed.

#### Clean Air Act Section 602 Class II Substances:

Not listed.

#### DEA List I Chemicals (Precursor Chemicals):

Not listed.

#### DEA List II Chemicals (Essential Chemicals):

Not listed.

### SARA 302/304

#### Composition/information on ingredients

No products were found.

#### SARA 304 RQ:

Not applicable.

#### SARA 311/312 Classification:

Delayed (chronic) health hazard.



**Composition/information on ingredients**

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Bentonite	≥85	No.	No.	No.	No.	Yes.
Limestone	≤15	No.	No.	No.	No.	Yes.
Crystalline silica, quartz	≤5	No.	No.	No.	Yes.	Yes.
Crystalline silica, cristobalite	<1	No.	No.	No.	No.	Yes.
Crystalline silica, tridymite	<1	No.	No.	No.	No.	Yes.

**SARA 313**

Not applicable.

**State regulations****Massachusetts:**

The following components are listed: SILICA, CRYSTALLINE, QUARTZ; CALCIUM CARBONATE; MARBLE DUST

New York:

None of the components are listed.

New Jersey:

The following components are listed: SILICA, QUARTZ; QUARTZ (SiO<sub>2</sub>); SILICA, CRISTOBALITE; CRISTOBALITE (SiO<sub>2</sub>); SILICA, TRIDYMITE; TRIDYMITE (SiO<sub>2</sub>); CALCIUM CARBONATE; LIMESTONE

**Pennsylvania:**

The following components are listed: QUARTZ DUST; QUARTZ; CRISTOBALITE DUST; CRISTOBALITE; TRIDYMITE; LIMESTONE

**California Prop. 65**

Exempted

**International regulations****Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed.

**Montreal Protocol (Annexes A, B, C, E)**

Not listed.

**Stockholm Convention on Persistent Organic Pollutants**

Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC)**

Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

## SECTION 16 - OTHER INFORMATION

### Hazardous Material Information System (U.S.A)

Health: 3      Flammability: 0      Physical Hazards: 0

#### Key to abbreviations:

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

("Marpol" = marine pollution)

UN = United Nations

#### References:

HCS (U.S.A.) - Hazard Communication Standard

International transport regulations

*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 SDS 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