

**Corian® Quartz Surfaces previously known as Zodiac® Quartz Surfaces**

Version 2.1

Issue Date : 12/17/2018 Ref. 130000000849  
Revision Date : 12/17/2018

This document is for information only, provided voluntarily and not subsequent to regulatory requirement.

**PRODUCT AND CONTACT INFORMATION****Product identifier**

Product name : Corian® Quartz Surfaces previously known as Zodiac® Quartz Surfaces  
Company : Production Agriscience Canada Company  
P.O. Box 730, 7398 Queen's Line  
Chatham, Ontario  
N7M 5L1  
Canada  
Telephone : 1-800-387-2122

**Emergency telephone number**

Emergency contact : 1-800-441-3637 (24 hours)

**HAZARDS IDENTIFICATION**

## Emergency Overview

The product as such is not hazardous.

The hazards of this product are associated mainly with its processing. Operations such as sawing, routing, drilling and sanding can generate dust. Dust generated during handling of Quartz Surfacing Products can contain particles of crystalline silica (quartz). Overexposure to airborne quartz can cause silicosis.

## Warning symptoms:

Symptoms of silicosis include coughing, difficulty breathing, wheezing and progressive impairment of lung function.

**Physical and chemical properties**

Form : solid  
Color : various  
Odor : none  
Density : 2.2 - 2.4 g/cm<sup>3</sup>  
Water solubility : insoluble

**Stability and reactivity**

Conditions to avoid : None reasonably foreseeable.  
Hazardous decomposition products : No decomposition if used as directed.  
Hazardous reactions : None reasonably foreseeable.

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**INFORMATION ON INGREDIENTS**

Component	CAS-No.	Concentration
Quartz	14808-60-7	40 - 95 %
Cristobalite	14464-46-1	40 - 50 %

**FIRST AID MEASURES****Description of first aid measures**

General advice : Never give anything by mouth to an unconscious person.

Inhalation : Move to fresh air.

Ingestion : Not applicable

**Most important symptoms and effects, both acute and delayed**

Symptoms : Symptoms of silicosis include coughing, difficulty breathing, wheezing and progressive impairment of lung function.

**FIREFIGHTING MEASURES****Extinguishing media**Suitable extinguishing media : The product itself does not burn.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.**Advice for firefighters**

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

**ACCIDENTAL RELEASE MEASURES**



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**Personal precautions, protective equipment and emergency procedures**

Personal precautions : Wear personal protective equipment.

**Environmental precautions**

Environmental precautions : Not applicable

**Methods and materials for containment and cleaning up**

Methods for cleaning up : Not applicable

**HANDLING AND STORAGE**

**Precautions for safe handling**

Advice on safe handling : Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid dust formation. Handling and processing operations should be conducted in accordance with best practices (e.g.NFPA-654).

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

Requirements for storage areas and containers : None.

Advice on common storage : No special restrictions on storage with other products.

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls : Provide appropriate exhaust ventilation at places where dust is formed.

**Personal protective equipment**

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection : Additional protection: Protective gloves

Eye protection : Safety glasses


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**Exposure Guidelines**

## Exposure Limit Values

<b>Quartz</b>			
TLV	(ACGIH)	0.025 mg/m <sup>3</sup>	TWA
AEL *	(DuPont)	0.01 mg/m <sup>3</sup>	12 hr. TWA
AEL *	(DuPont)	0.02 mg/m <sup>3</sup>	8 hr. TWA

<b>Cristobalite</b>			
TLV	(ACGIH)	0.025 mg/m <sup>3</sup>	TWA
AEL *	(DuPont)	0.01 mg/m <sup>3</sup>	12 hr. TWA
AEL *	(DuPont)	0.02 mg/m <sup>3</sup>	8 hr. TWA

<b>Octabenzene</b>			
No applicable data available.			

\* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

**DISPOSAL CONSIDERATIONS**
**Waste treatment methods**

Product : Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging : Empty containers should be taken to local recyclers for disposal.

**REGULATORY INFORMATION**

Product meets the definition of an article as defined by CEPA and is therefore exempt from CEPA inventory requirements.

**OTHER INFORMATION**
**Further information**



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