

Corian® Quartz Surfaces previously known as Zodiaq® Quartz Surfaces

Version 5.3

Issue Date : 01/05/2026 Ref. 130000000849
Revision Date : 10/17/2024

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Corian® Quartz Surfaces previously known as Zodiaq® Quartz Surfaces
Product Use : sheets/slabs, For professional users only.

Restrictions on use : Do not use product for anything outside of the above specified uses.
Manufacturer/Supplier : DuPont
974 Centre Road
Wilmington, Delaware 19805

Product Information : 1-833-338-7668
Transport Emergency : +1-800-424-9300 (outside the U.S. & Canada +1-703-527-3887)

SECTION 2. HAZARDS IDENTIFICATION

Product hazard category

Combustible dust
Skin sensitisation Category 1
Carcinogenicity Category 1A
Specific target organ toxicity - Category 1
repeated exposure

Label content

Pictogram :



Signal word : Danger

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Hazardous warnings : May form combustible dust concentrations in air.
 May cause an allergic skin reaction.
 May cause cancer.
 Causes damage to organs through prolonged or repeated exposure. (Lungs)

Hazardous prevention measures : Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
 Wash skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 IF ON SKIN: Wash with plenty of soap and water.
 IF exposed or concerned: Get medical advice/ attention.
 If skin irritation or rash occurs: Get medical advice/ attention.
 Wash contaminated clothing before reuse.
 Store in a secure area.
 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

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.

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 100 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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

SECTION 4. FIRST AID MEASURES

General advice	: Never give anything by mouth to an unconscious person.
Inhalation	: Move to fresh air.
Skin contact	: No applicable data available.
Eye contact	: No applicable data available.
Ingestion	: Not applicable
Most important symptoms/effects, acute and delayed	: Symptoms of silicosis include coughing, difficulty breathing, wheezing and progressive impairment of lung function.
Protection of first-aiders	: No applicable data available.
Notes to physician	: No applicable data available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: No applicable data available.
Specific hazards	: No applicable data available.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.
Further information	: No applicable data available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up.
Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel) : Wear personal protective equipment.
Environmental precautions : Not applicable
Spill Cleanup : Not applicable
Accidental Release Measures : No applicable data available.

SECTION 7. HANDLING AND STORAGE

Handling (Personnel) : 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).
Wash hands before breaks and at the end of workday.
Handling (Physical Aspects) : No applicable data available.
Dust explosion class : No applicable data available.
Storage : None.
No special restrictions on storage with other products.
Storage period : No applicable data available.
Storage temperature : No applicable data available.

SECTION 8. 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

Exposure Guidelines
Exposure Limit Values

Quartz

Safety Data Sheet



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PEL (Permissible Exposure Limit)	(OSHA)	0.05 mg/m ³	8 hr. TWA Respirable dust
PEL (Permissible Exposure Limit)	(OSHA)	10 mg/m ³ / %SiO ₂ +2	TWA respirable
PEL (Permissible Exposure Limit)	(OSHA)	250 mppcf / %SiO ₂ +5	TWA respirable
PEL (Permissible Exposure Limit)	(OSHA)	0.1 mg/m ³	TWA respirable dust fraction
TLV	(ACGIH)	0.025 mg/m ³	TWA Respirable particulate matter Silica
REL	(NIOSH)	0.05 mg/m ³	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek Respirable dust Silica
AEL *	(DuPont)	0.012 mg/m ³	12 hr. TWA Respirable dust.

Cristobalite			
PEL (Permissible Exposure Limit)	(OSHA)	0.05 mg/m ³	8 hr. TWA Respirable dust
PEL (Permissible Exposure Limit)	(OSHA)	0.05 mg/m ³	TWA respirable dust fraction
TLV	(ACGIH)	0.025 mg/m ³	TWA Respirable particulate matter Silica
REL	(NIOSH)	0.05 mg/m ³	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek Respirable dust Silica
AEL *	(DuPont)	0.012 mg/m ³	12 hr. TWA Respirable dust.

* 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state : solid

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Form	: solid
Color	: various
Odor	: none
Odor threshold	: No applicable data available.
pH	: No applicable data available.
Melting point/range	: No applicable data available.
Boiling point/boiling range	: No applicable data available.
Flash point	: does not flash
Evaporation rate	: No applicable data available.
Flammability (solid, gas)	: May form combustible dust concentrations in air.
Upper explosion limit	: No applicable data available.
Lower explosion limit	: No applicable data available.
Vapour Pressure	: No applicable data available.
Vapour density	: No applicable data available.
Density	: 2.2 - 2.4 g/cm ³
Specific gravity (Relative density)	: No applicable data available.
Water solubility	: insoluble
Solubility(ies)	: No applicable data available.
Partition coefficient: n-octanol/water	: No applicable data available.
Auto-ignition temperature	: No applicable data available.
Decomposition temperature	: No applicable data available.
Viscosity, kinematic	: No applicable data available.

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Viscosity, dynamic : No applicable data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No applicable data available.
Chemical stability : No applicable data available.
Possibility of hazardous reactions : None reasonably foreseeable.
Conditions to avoid : None reasonably foreseeable.
Incompatible materials : No applicable data available.
Hazardous decomposition products : Other decomposition products: No decomposition if used as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Quartz

Oral LD50	: > 11,000 mg/kg , Rat
Skin irritation	: No skin irritation, Rabbit
Eye irritation	: Slight or no eye irritation, Rabbit Minimal effects that do not meet the threshold for classification.
Skin sensitization	: Does not cause skin sensitization., Guinea pig
Repeated dose toxicity	: Inhalation multiple species - dust/mist LOAEL: 0.002 mg/l Target Organs: Lungs
Carcinogenicity	: Human carcinogen. An increased risk of cancer in humans has been shown in workplace-based studies.
Mutagenicity	: Genetic damage in cultured mammalian cells was observed in some laboratory tests but not in others. Genetic damage in animals was observed in some laboratory tests but not in others.

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Repeated dose toxicity : Inhalation
 Rat
 - 90 d
 dust/mist
 Target Organs: Lungs
 Respiratory effects

Carcinogenicity : Positive evidence from human epidemiological studies
 An increased risk of cancer in humans has been shown in workplace-based studies.
 Target(s):
 Lungs

Mutagenicity : Weight of evidence does not support classification as a germ cell mutagen.
 Overall weight of evidence indicates that the substance is not mutagenic.

Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

Material	IARC	NTP	OSHA
Quartz	1	X	
Cristobalite	1	X	

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity

Cristobalite

96 h LC50 : Danio rerio (zebra fish)
 Aquatic toxicity is unlikely due to low solubility.

48 h EC50 : Daphnia magna (Water flea)
 Aquatic toxicity is unlikely due to low solubility.

Environmental Fate

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Quartz

Biodegradability : Not biodegradable
Not applicable

Bioaccumulation : Not applicable

Cristobalite

Bioaccumulation : Bioaccumulation is unlikely.

Additional ecological information : This product has no known ecotoxicological effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal 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.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

NZ HSNO Status : Exempt

TSCA : Product is an article as defined at 40CFR720.3(c) and is not subject to TSCA Inventory requirements.

SARA 311/312 Hazard classification : Combustible dust
Respiratory or skin sensitisation
Carcinogenicity
Specific target organ toxicity (single or repeated exposure)

SARA 313 Regulated : This material does not contain any chemical components with known CAS



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Chemical(s) numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 :

SECTION 16. OTHER INFORMATION

Before use read DuPont's safety information.

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