

HPD UNIQUE IDENTIFIER: 31060

CLASSIFICATION: 12 36 61.19 Quartz Agglomerate Countertops

PRODUCT DESCRIPTION: Corian® Quartz* materials are comprised of reacted monomers and resins, natural quartz particles, and colorants, and are manufactured in the form of slabs in various gauges. Long-lasting and GREENGUARD and GREENGUARD Gold Certified as a low emitting material, Corian® Quartz surfaces, agglomerated stone, are a high-performance material, delivering strength, and heat and scratch resistance. When properly cleaned, Corian® Quartz does not promote the growth of mold and/or mildew. Corian® Quartz may help contribute to U.S. Green Building Council (USGBC) LEED® points. Colors of Corian® Quartz are NSF/ANSI Standard 51 Certified for the strictest level – Food Zone. Exposure to any hazards associated with the inputs mentioned is not present in the finished form of Corian® Quartz. The ingredients listed which trigger the associated cancer hazard are inert within the finished form of Corian® Quartz. *(Corian® Quartz formerly known as Zodiac® Quartz Surface). 06 61 19 QUARTZ SURFACING FABRICATION; 12 36 61.19 QUARTZ AGGLOMERATE (NATURAL QUARTZ AND RESIN COMPOSITE) COUNTERTOPS

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
<input type="radio"/> Nested Materials Method <input checked="" type="radio"/> Basic Method	<input type="radio"/> 100 ppm <input checked="" type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Other	<input checked="" type="radio"/> Completed <input type="radio"/> Partially Completed <input type="radio"/> Not Completed	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Provided weight and role.</i> Screened <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Provided screening results using HPDC-approved methods.</i> Identified <input type="radio"/> Yes <input checked="" type="radio"/> No <i>Provided name and CAS RN or other identifier.</i>
Threshold Disclosed Per <input type="radio"/> Material <input checked="" type="radio"/> Product	Explanation(s) provided : <input checked="" type="radio"/> Yes <input type="radio"/> No		

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

CORIAN® QUARTZ [**QUARTZ** BM-1 | CAN | MAM | GEN
CRISTOBALITE LT-1 | CAN | MAM | GEN **POLYESTER RESIN** NoGS
TITANIUM DIOXIDE LT-1 | CAN | END | MAM **UNDISCLOSED** LT-UNK
IRON OXIDE BLACK (IRON OXIDE BLACK) LT-UNK **CARBON BLACK (CARBON BLACK)** BM-1 | CAN | EYE | MAM **IRON OXIDE RED** BM-1 | CAN | MAM | EYE | SKI **FERRIC OXIDE YELLOW (FERRIC OXIDE YELLOW)** LT-UNK **UNDISCLOSED** LT-UNK | SKI | EYE **UNDISCLOSED** LT-P1 | MUL | EYE | AQU | PHY]

Number of Greenscreen BM-4/BM3 contents ... 0
 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-1, LT-P1
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Ranges for substances' percent weight are provided.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: GreenGuard - Gold (previously Children & Schools)
 VOC emissions: GreenGuard - Indoor Air Quality Certified
 LCA: Environmental Product Declaration (EPD) by UL - Industry Generic
 Material content migration: NSF/ANSI Standard 51 - Food equipment Materials

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
 Pre-checked for LEED v4.1 Option 1.

Third Party Verified? <input type="radio"/> Yes <input checked="" type="radio"/> No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2023-01-13 PUBLISHED DATE: 2023-01-13 EXPIRY DATE: 2026-01-13
-------------------------------------------------------------------------------------------	---------------------------------------------------------	-------------------------------------------------------------------------------------

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

CORIAN® QUARTZ

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz particles, and colorants, and manufactured in the form of slabs in various gauges. Residuals or impurities that may be present in the finished product greater than the inventory threshold indicated have been reviewed and considered by direct testing of Corian® Quartz product or based on Safety Data Sheet information for individual ingredients.

OTHER PRODUCT NOTES: Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-01-13 14:13:41

?: 80.0000 - 95.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Percent range is given due to various colors available. The material inputs for Corian® Quartz (agglomerated stone) product are comprised of reacted monomers and resins, inert mineral fillers, and colorants which are reacted in the manufacturing process thus preventing any exposure of health hazards of the final product. Form-specific hazard for quartz is not expected to apply when this substance is bound in the matrix of the finished product. In its finished form, Corian® Quartz is an article, is nontoxic and non-allergic to humans. Granite, marble, concrete, quartz engineered stone, etc. have silicosis concerns during the production, cutting, polishing and grinding of these types of material dry in the absence water. All of these types of materials are to be cut, fabricated, polished, etc. in the presence of water.

CRISTOBALITE

ID: 14464-46-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:41**

%: **0.0000 - 45.0000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Percent range is given due to various colors available. The material inputs for Corian® Quartz (agglomerated stone) product are comprised of reacted monomers and resins, inert mineral fillers, and colorants which are reacted in the manufacturing process thus preventing any exposure of health hazards of the final product. Form-specific hazard for quartz is not expected to apply when this substance is bound in the matrix of the finished product. In its finished form, Corian® Quartz is an article, is nontoxic and non-allergic to humans. Granite, marble, concrete, quartz engineered stone, etc. have silicosis concerns during the production, cutting, polishing and grinding of these types of material dry in the absence water. All of these types of materials are to be cut, fabricated, polished, etc. in the presence of water.

POLYESTER RESIN

ID: **Undisclosed**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-01-13 14:36:35			
%: 4.0000 - 15.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Unsaturated polyester resin is used in the manufacture of engineered stone (agglomerated stone) products. This resin consists of approximately 35 - 40% styrene (CAS 100-42-5) and 60 -65% unsaturated polyester oligomer (CAS 764-71-6; 107-21-1). Corian® Quartz is comprised of reacted monomers and resins, natural quartz particles, and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:42**

%: **0.0000 - 3.0000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern)

SUBSTANCE NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process. Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:43**

%: **0.0000 - 2.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
-------------	----------------------	----------

None found		No warnings found on HPD Priority Hazard Lists
------------	--	------------------------------------------------

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
---------------------	----------------------	--------------

None found		No listings found on Additional Hazard Lists
------------	--	----------------------------------------------

SUBSTANCE NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process. Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

IRON OXIDE BLACK (IRON OXIDE BLACK)

ID: 12227-89-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:41**

%: **0.0000 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
-------------	----------------------	----------

None found		No warnings found on HPD Priority Hazard Lists
------------	--	------------------------------------------------

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
---------------------	----------------------	--------------

None found		No listings found on Additional Hazard Lists
------------	--	----------------------------------------------

SUBSTANCE NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process. Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

CARBON BLACK (CARBON BLACK)

ID: 1333-86-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:42**

%: **0.0000 - 1.0000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
EYE	GHS - New Zealand	Eye irritation category 2
CAN	GHS - New Zealand	Carcinogenicity category 2
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process. Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

IRON OXIDE RED

ID: 1309-37-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:42**

%: **0.0000 - 1.0000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process. Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

FERRIC OXIDE YELLOW (FERRIC OXIDE YELLOW)

ID: 51274-00-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:43**

%: **0.0000 - 0.5000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process. Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:43**

%: **0.0000 - 0.3000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Curing agent**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - New Zealand	Skin irritation category 2

EYE	GHS - New Zealand	Eye irritation category 2
-----	-------------------	---------------------------

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process. Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-13 14:13:43**

%: **0.0300 - 0.2500** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Initiator**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
EYE	GHS - New Zealand	Eye irritation category 2
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
PHY	GHS - New Zealand	Organic peroxide type C
PHY	GHS - Japan	H242 - Heating may cause a fire [Organic peroxides - Type C]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Corian® Quartz is comprised of reacted monomers and resins, natural quartz particles, and colorants, and manufactured in the form of slabs in various gauges. The material inputs for Corian® Quartz are encapsulated by polymerization of unsaturated polyester resin in the manufacturing process. Corian® Quartz surfacing material in its final form is an article, is nontoxic and non-allergic to humans.

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	GreenGuard - Gold (previously Children & Schools)	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2006-11-07	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: All	EXPIRY DATE: 2023-11-07	Environment
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e80355b0e82d946a06a3?page_type=Products%20Catalog		
CERTIFICATION AND COMPLIANCE NOTES: Certification is renewed on an annual basis. The renew cycle date is November 7th. Corian® Quartz and accessories have been evaluated under the GREENGUARD certification program since 2006. UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings: Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment. Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and 7.6.3 in an Open Plan Office Environment. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 in the office environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.		

VOC EMISSIONS	GreenGuard - Indoor Air Quality Certified	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2006-11-07	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: All	EXPIRY DATE: 2023-11-07	Environment
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e80355b0e82d946a06a3?page_type=Products%20Catalog		
CERTIFICATION AND COMPLIANCE NOTES: Certification is renewed on an annual basis. The renew cycle date is November 7th. Corian® Quartz and accessories have been evaluated under the GREENGUARD certification program since 2006. UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building materials are determined compliant in accordance with an Office environment with an air change of 0.68 hr ⁻¹ and a loading of 3.20 m ² . Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1.		

LCA	Environmental Product Declaration (EPD) by UL - Industry Generic	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-07-11	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Coiran® Quartz is produced at facilities in Canada and China. Production is weighted by North American sales. At the facilities, raw materials are mixed, cast, cured, and molded into slabs. The slabs are then polished before being packaged for distribution.	EXPIRY DATE: 2022-12-21	Environment
CERTIFICATE URL: http://my.ulenvironment.com/productDocuments/443/15/104.1_DuPont_EPD_Zodiaq%20Quartz.pdf		
CERTIFICATION AND COMPLIANCE NOTES:		

MATERIAL CONTENT MIGRATION	NSF/ANSI Standard 51 - Food equipment Materials	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2003-06-30	CERTIFIER OR LAB: NSF
APPLICABLE FACILITIES: All	EXPIRY DATE: 2022-12-31	International
CERTIFICATE URL: http://www.nsf.org/		
CERTIFICATION AND COMPLIANCE NOTES: Colors of Corian® Quartz are NSF/ANSI Standard 51 Certified for the strictest level – Food Zone. Certification is renewed annually.		

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Corian® Quartz is certified by UL Environment for low chemical emissions in accordance with UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 using a Classroom Environment. Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and 7.6.3 in an Open Plan Office Environment. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 in the office environment.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. LEED v4.1 Materials and Resources (MR Credit) Environmental Product Declarations (EPD) are available. DuPont is leading the industry by providing EPDs for Corian® Solid Surface and Corian® Quartz products and contributing towards LEED v4.1 in this Credit category.

MANUFACTURER INFORMATION

MANUFACTURER: DuPont Specialty Products USA, LLC
ADDRESS: Safety & Construction, Corian® Design
 Experimental Station 356, 200 Powder Mill Road
 Wilmington DE 19803, United States
WEBSITE: <http://www.corianquartz.com/>

CONTACT NAME: Barbara Hannah
TITLE: LEED GA, WELL AP, Global Product Stewardship,
 Sustainability, Regulatory Compliance
PHONE: +800 426 7426 (Direct +302 999 4594)
EMAIL: Barbara.A.Hannah@dupont.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this

