

CLASSIFICATION: 06 61 19 QUARTZ SURFACING FABRICATION; 12 36 61.19 QUARTZ AGGLOMERATE (NATURAL QUARTZ AND RESIN COMPOSITE) 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. Most 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 Zodiaq® Quartz Surface).

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

Threshold Disclosed Per

- Material
- Product

Explanation(s) provided for Residuals/Impurities? Yes 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.

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

CORIAN® QUARTZ | QUARTZ | LT-1 | CAN POLYESTER RESIN | Not Screened |
UNDISCLOSED | LT-P1 | MUL CRISTOBALITE | LT-1 | CAN UNDISCLOSED | LT-UNK
TITANIUM DIOXIDE | LT-1 | CAN | END IRON OXIDE BLACK (IRON OXIDE BLACK)
| LT-UNK CARBON BLACK (CARBON BLACK) | LT-1 | CAN FERRIC OXIDE
YELLOW (FERRIC OXIDE YELLOW) | LT-UNK UNDISCLOSED | LT-UNK IRON
OXIDE RED | BM-2 | CAN]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
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

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2019-11-15

PUBLISHED DATE: 2019-11-15

EXPIRY DATE: 2022-11-15



Section 2: Content in Descending Order of Quantity

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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

CORIAN® QUARTZ

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: 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 SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-15

%: 80.00 - 95.00

GS: LT-1

RC: None

NANO: No

ROLE: Natural Quartz Aggregate Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

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 SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-15

%: 4.00 - 15.00

GS: Not Screened

RC: None

NANO: No

ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

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.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-11-15**

%: 0.03 - 0.25 GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Polymerization initiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

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.

CRISTOBALITE

ID: 14464-46-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-11-15**

%: 0.00 - 45.00 GS: **LT-1** RC: **None** NANO: **No** ROLE: **Agglomerated stone filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

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.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-15**

#: **0.00 - 0.30**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Cross-linking Agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority 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.

TITANIUM DIOXIDE

ID: **13463-67-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-15**

#: **0.00 - 3.00**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Pigment/Colorant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

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 SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-15**

#: **0.00 - 1.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Pigment/Colorant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority 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 SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-15**

%: 0.00 - 1.00

GS: LT-1

RC: None

NANO: No

ROLE: Pigment/Colorant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

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 SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-15

%: 0.00 - 0.50

GS: LT-UNK

RC: None

NANO: No

ROLE: Pigment/Colorant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority 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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-15

%: 0.00 - 2.00

GS: LT-UNK

RC: None

NANO: No

ROLE: UV Absorber

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority 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 SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-15

%: 0.00 - 1.00

GS: BM-2

RC: None

NANO: No

ROLE: Pigment/Colorant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

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.

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** EXPIRY DATE: **2020-11-07** CERTIFIER OR LAB: **UL Environment**
APPLICABLE FACILITIES: **All**
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** EXPIRY DATE: **2020-11-07** CERTIFIER OR LAB: **UL Environment**
APPLICABLE FACILITIES: **All**
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 m². 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** EXPIRY DATE: **2022-07-11** CERTIFIER OR LAB: **UL Environment**
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.**
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** EXPIRY DATE: **2022-12-31** CERTIFIER OR LAB: **NSF International**
APPLICABLE FACILITIES: **All**
CERTIFICATE URL: <http://www.nsf.org/>

CERTIFICATION AND COMPLIANCE NOTES: **Most colors of Corian® Quartz are NSF/ANSI Standard 51 Certified for the strictest level**
CORIAN QUARTZ
hdrepository.hpd-collaborative.org

– 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.

DUPONT™ JOINT ADHESIVE

HPD URL: <https://hpdrepository.hpd-collaborative.org/repository/HPDs/3675-20150924112509.pdf>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

DuPont™ Joint Adhesive is comprised of Component A and Component B. DuPont™ Joint Adhesive for use with quartz and solid surfaces is produced in a range of specific colors to match with Corian® solid surface and Corian® Quartz surfaces. Color-coordinated DuPont™ Joint Adhesive bonds DuPont™ Corian® solid surface with inconspicuous seams. This results in a smooth surface that enables you to create large designs fashioned from a single element.

CORIAN® JOINT ADHESIVE

HPD URL: <https://hpdrepository.hpd-collaborative.org/repository/HPDs>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Corian® Joint Adhesive, a methacrylate-based adhesive is non-sagging and thixotropic and provides very good adhesion for Quartz and Solid Surface surfacing materials. CORIAN® JOINT ADHESIVE is available in 50 mL and 470 mL cartridges and a variety of colors which are color-coordinated With Corian® Quartz And Corian® Solid Surface. Corian® Joint Adhesive meets the low VOC emission limit requirements of South Coast Air Quality Management District (SQAMD) Rule 1168. Corian® Joint Adhesive is UL Environment GREENGUARD and GREENGUARD Gold certified.

CORIAN® SOLID SURFACE

HPD URL: https://hpdrepository.hpd-collaborative.org/repository/HPDs/publish_194_Corian_1508450354.pdf

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Corian® acrylic solid surface is a solid, nonporous, homogeneous surfacing material, composed of ≈1/3 acrylic resin (also known as polymethyl methacrylate or PMMA), and ≈2/3 natural minerals. These minerals are composed of aluminum trihydrate (ATH) derived from bauxite. Corian® is an advanced composite product used as an architectural and design material in a variety of applications. Corian® solid surface offers design versatility, functionality and durability. Supplied in sheets and shapes, Corian® solid surface can be fabricated with conventional woodworking tools into virtually any design. In its finished form Corian® acrylic solid surface material is an article, is nontoxic and non-allergic to humans. Corian® solid surface is NSF/ANSI Standard 51 Certified for Food Zone applications, NGBS GREEN CERTIFIED™, and is GREENGUARD GOLD and GREENGUARD certified.

+ Section 5: General Notes

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 now 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: Global Product Stewardship, Sustainability,
Regulatory Compliance
PHONE: +800 426 7426 (Direct +302 999 4594)
EMAIL: Barbara.A.Hannah@dupont.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms**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 HPD and for compliance with the HPD standard noted.