

CLASSIFICATION: CLASSIFICATION: 06 61 00.00 WOOD, PLASTICS, AND COMPOSITES (FRAMING) SIMULATED STONE FABRICATIONS; 066116 SOLID SURFACE FABRICATIONS; 102113 TOILET COMPARTMENTS; 123661 SOLID SURFACING COUNTERTOPS

created via: HPDC Online Builder

PRODUCT DESCRIPTION: 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 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
 Basic Method

Threshold Disclosed Per

- Material
 Product

Threshold level

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

Residuals/Impurities

- Considered
 Partially Considered
 Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized
Percent Weight and Role Provided? Yes No

Screened
Using Priority Hazard Lists with Results Disclosed? Yes No

Identified
Name and Identifier Provided? 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

SOLID SURFACE [ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE) BM-2 | RES METHYL METHACRYLATE (METHYL METHACRYLATE) LT-P1 | SKI | RES | END | PHY UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-P1 UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL UNDISCLOSED NoGS TITANIUM DIOXIDE (TITANIUM DIOXIDE) LT-1 | CAN | END CARBON BLACK (CARBON BLACK) LT-1 | CAN IRON OXIDE BLACK (IRON OXIDE BLACK) LT-UNK ZINC SULFIDE (ZINC SULFIDE) LT-UNK EPOXIDIZED SOYBEAN OIL (EPOXIDIZED SOYBEAN OIL) LT-UNK POLYMETHYL METHACRYLATE (PMMA) (POLYMETHYL METHACRYLATE (PMMA)) LT-P1 | RES BUTYL ACRYLATE (BUTYL ACRYLATE) LT-UNK | EYE | SKI UNDISCLOSED LT-P1 | MUL IRON HYDROXIDE OXIDE YELLOW (IRON HYDROXIDE OXIDE YELLOW) LT-UNK]

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 CERTIFICATION
VOC emissions: Home Innovation NGBS Green Certified Products
Recycled content: SCS Global Services

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: Self-Prepared
VERIFIER:

SCREENING DATE: 2017-10-19
PUBLISHED DATE: 2017-10-19

- Yes
- No

VERIFICATION #:

EXPIRY DATE: 2020-10-19

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

SOLID SURFACE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Corian® Acrylic Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form of sheets and shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of acrylic-based reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

OTHER PRODUCT NOTES: Certain aesthetics contain Filled Acrylic Particles which are ground Corian® solid surface sheet material. Terra Collection aesthetics contain pre-consumer Recycled Filled Acrylic Particles. The recycled content in the Corian® Terra Collection is from edge trim and off-spec material which is diverted from the waste stream in the manufacturing process. The Corian® Terra Collection products/colors contain a minimum of 6%, 13% or 20% pre-consumer recycled acrylic resin content. The recycled content in Terra Collection products meet the definition in ISO 14021 standard [Environmental Labels and Declarations, Self-Declared Environmental Claims 9Type II Environmental Labeling] requirements for environmental claims.

ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE)

ID: 21645-51-2

#: 55.0000 - 65.0000 GS: BM-2 RC: None NANO: No ROLE: Non-halogen fire retardant/smoke suppressant/inert filler

| HAZARDS: | AGENCY(IES) WITH WARNINGS: |
|-------------|--|
| RESPIRATORY | AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only |

SUBSTANCE NOTES: Synonyms for Aluminum Trihydrate (ATH) are Hydrated, Alumina, Alimuinum Trihydroxide, and Aluminum Hydroxide. ATH is a chemically inert filler/pigment. Corian® Acrylic Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form of sheets and shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of acrylic-based reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

METHYL METHACRYLATE (METHYL METHACRYLATE)

ID: 80-62-6

#: 5.0000 - 35.0000 GS: LT-P1 RC: None NANO: No ROLE: Polymerizable monomer - acrylic resin

| HAZARDS: | AGENCY(IES) WITH WARNINGS: |
|-----------------|---|
| SKIN IRRITATION | EU - R-phrases R38 - Irritating to skin |
| SKIN SENSITIZE | EU - R-phrases R43 - May cause sensitization by skin contact |
| RESPIRATORY | AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced |
| SKIN IRRITATION | EU - GHS (H-Statements) H315 - Causes skin irritation |
| SKIN SENSITIZE | EU - GHS (H-Statements) H317 - May cause an allergic skin reaction |

| | | |
|----------------------------|---------------------------------------|---|
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements) | H225 - Highly flammable liquid and vapour |

SUBSTANCE NOTES: Acrylic materials include various kinds of conventional acrylic group monomers, acrylic group partial polymers, vinyl monomers for copolymerization other than acrylic group monomers, or oligomers. A particularly good and especially preferred monomer is methyl methacrylate (MMA). MMA is a reactive monomer substance and becomes incorporated into the acrylic polymer (acrylic resin) and in its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

| | | | | |
|---------------------------|---|----------------------------|-----------------|----------------------------------|
| %: 0.0000 - 1.0000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Cross-linking agent |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | | | |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters | | |

SUBSTANCE NOTES: The reaction of a cross-linking, multifunctional reactive, substance forms a crosslinked network with the liquid acrylic-based polymerizable material. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

| | | | | |
|---------------------------|---|-----------------|-----------------|-------------------------|
| %: 0.0000 - 0.7500 | GS: LT-P1 | RC: None | NANO: No | ROLE: Cure agent |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | | | |
| None Found | No warnings found on HPD Priority lists | | | |

SUBSTANCE NOTES: Cure agents, when activated, generate free radicals which then initiate the desired polymerization reactions and become incorporated into the acrylic polymer (acrylic resin). In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

| | | | | |
|---------------------------|---|-----------------|-----------------|-------------------------|
| %: 0.0000 - 0.7500 | GS: LT-UNK | RC: None | NANO: No | ROLE: Cure agent |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | | | |
| None Found | No warnings found on HPD Priority lists | | | |

SUBSTANCE NOTES: Cure agents, when activated, generate free radicals which then initiate the desired polymerization reactions and become incorporated into the acrylic polymer (acrylic resin). In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

| | | | | |
|---------------------------|----------------------------|-----------------|-----------------|-----------------------|
| %: 0.0000 - 0.7500 | GS: LT-P1 | RC: None | NANO: No | ROLE: Additive |
| HAZARDS: | AGENCY(IES) WITH WARNINGS: | | | |

SUBSTANCE NOTES: Additive for cure agents, when activated, generate free radicals which then initiate the desired polymerization reactions and become incorporated into the acrylic polymer (acrylic resin). In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

#: **0.0000 - 0.5000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Cross-linking agent**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: The reaction of a cross-linking, multifunctional reactive, substance forms a crosslinked network with the liquid acrylic-based polymerizable material. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: **13463-67-7**

#: **0.0000 - 3.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant**

HAZARDS: AGENCY(IES) WITH 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 |

SUBSTANCE NOTES: Epoxidized soy bean oil (ESBO) is a common carrier for as delivered colorant/pigment dispersions, use of ESBO to deliver pigment dispersions containing certain pigments including titanium dioxide or carbon black functions to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process. Corian® Acrylic Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form of sheets and shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of acrylic-based reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

CARBON BLACK (CARBON BLACK)

ID: **1333-86-4**

#: **0.0000 - 3.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant/Pigment**

HAZARDS: AGENCY(IES) WITH 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 |

SUBSTANCE NOTES: Epoxidized soy bean oil (ESBO) is a common carrier for as delivered colorant/pigment dispersions, use of ESBO to deliver pigment dispersions containing certain pigments including titanium dioxide or carbon black functions to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process. Corian® Acrylic Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form of sheets and shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of acrylic-based reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

IRON OXIDE BLACK (IRON OXIDE BLACK)ID: **12227-89-3**

#: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant/Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Epoxidized soy bean oil (ESBO) is a common carrier for as delivered colorant/pigment dispersions, use of ESBO to deliver pigment dispersions containing certain pigments including titanium dioxide or carbon black functions to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process.

ZINC SULFIDE (ZINC SULFIDE)ID: **1314-98-3**

#: **0.0000 - 2.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant/Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Epoxidized soy bean oil (ESBO) is a common carrier for as delivered colorant/pigment dispersions, use of ESBO to deliver pigment dispersions containing certain pigments including titanium dioxide or carbon black functions to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process. Corian® Acrylic Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form of sheets and shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of acrylic-based reactants in the manufacturing process. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

EPOXIDIZED SOYBEAN OIL (EPOXIDIZED SOYBEAN OIL)ID: **8013-07-8**

#: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Additive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Epoxidized soy bean oil (ESBO) is a common carrier for as delivered colorant/pigment dispersions, use of ESBO to deliver pigment dispersions containing certain pigments including titanium dioxide or carbon black functions to reduce and/or eliminate inhalable dust hazards of these colorants/pigments in a solid surface manufacturing process.

POLYMETHYL METHACRYLATE (PMMA) (POLYMETHYL METHACRYLATE (PMMA))ID: **9011-14-7**

#: **0.0000 - 20.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Polymer**

| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
|-------------|----------------------------|--------------------------------------|
| RESPIRATORY | AOEC - Asthmagens | Asthmagens (Rs) - sensitizer-induced |

SUBSTANCE NOTES: Noncrosslinked polymer component or acrylic polymer in acrylic solid surface material. In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

BUTYL ACRYLATE (BUTYL ACRYLATE)

ID: 141-32-2

#: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Polymerizable reactive monomer**

| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
|-----------------|----------------------------|---|
| EYE IRRITATION | EU - R-phrases | R36 - Irritating to eyes |
| SKIN IRRITATION | EU - R-phrases | R38 - Irritating to skin |
| SKIN SENSITIZE | EU - R-phrases | R43 - May cause sensitization by skin contact |
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization |

SUBSTANCE NOTES: Acrylic materials include various kinds of conventional acrylic group monomers, acrylic group partial polymers, vinyl monomers for copolymerization other than acrylic group monomers, or oligomers. Butyl Acrylate is a reactive monomer substance and becomes incorporated into the acrylic polymer (acrylic resin) and in its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

UNDISCLOSED

#: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Cure Agent**

| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
|----------|---|----------------------------|
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |

SUBSTANCE NOTES: Cure agents, when activated, generate free radicals which then initiate the desired polymerization reactions and become incorporated into the acrylic polymer (acrylic resin). In its finished form, Corian® solid surface material is an article, is nontoxic and non-allergic to humans.

IRON HYDROXIDE OXIDE YELLOW (IRON HYDROXIDE OXIDE YELLOW)

ID: 20344-49-4

#: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Colorant/Pigment**

| HAZARDS: | AGENCY(IES) WITH WARNINGS: | |
|------------|---|--|
| None Found | No warnings found on HPD Priority lists | |

SUBSTANCE NOTES: Epoxidized soy bean oil (ESBO) is a common carrier for as delivered colorant/pigment dispersions, use of ESBO to deliver pigment dispersions containing certain pigments including titanium dioxide or carbon black functions to reduce and/or eliminate inhalable dust

hazards of these colorants/pigments in a solid surface manufacturing process. Corian® Acrylic Solid Surface products are comprised of reacted monomers and resins, inert mineral fillers, and colorants, and are manufactured in the form of sheets and shapes (sinks and wash basins). The material inputs for Corian® solid surface are encapsulated by polymerization of acrylic-based reactants in the manufacturing process. In its finished form, Corian® solid surface material 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 CERTIFICATION

| | | | |
|---|-------------------|--------------------|----------------------|
| CERTIFYING PARTY: Third Party | ISSUE DATE: 2006- | EXPIRY DATE: 2017- | CERTIFIER OR LAB: UL |
| APPLICABLE FACILITIES: All | 11-07 | 11-07 | ENVIRONMENT |
| CERTIFICATE URL: http://productguide.ulenvironment.com/ProductDetail.aspx?productID=3151&BrandID=443 | | | |

CERTIFICATION AND COMPLIANCE NOTES: Certification is renewed on an annual basis. The renew cycle date is November 7th. Corian® solid surface 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 V1.1-2010 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.

VOC EMISSIONS

Home Innovation NGBS Green Certified Products

| | | | |
|--------------------------------|----------------------|--------------------|------------------------|
| CERTIFYING PARTY: Second Party | ISSUE DATE: 2009-06- | EXPIRY DATE: 2018- | CERTIFIER OR LAB: Home |
| APPLICABLE FACILITIES: | 17 | 05-31 | Innovation |
| CERTIFICATE URL: | | | |

CERTIFICATION AND COMPLIANCE NOTES:

RECYCLED CONTENT

SCS Global Services

| | | | |
|---|----------------------|--------------------|------------------------------|
| CERTIFYING PARTY: Third Party | ISSUE DATE: 2007-06- | EXPIRY DATE: 2017- | CERTIFIER OR LAB: SCS Global |
| APPLICABLE FACILITIES: Facility in United States. | 01 | 11-30 | Systems |
| CERTIFICATE URL: https://www.scsglobalservices.com/certified-green-products-guide | | | |

CERTIFICATION AND COMPLIANCE NOTES: [Corian® Terra Collection, Including the product colors: Antarctica, Cocoa Brown, Fawn, Green Tea, Laurel Branch, Matterhorn, Moss, and Platinum are certified to have a minimum 6% Pre-Consumer Recycled Acrylic Content, refer to Registration # SCS-MC-01572.] [Corian® Terra Collection, Including the product colors: Acorn, Aqualite, Bethany, Blue Pebble, Canvas, Cottage Lane, Doeskin, Granola, Graylite, Medea, Mojave, Oat, Pine, Sahara, Suede, Warm Soapstone, and Willow are certified to have a minimum 13% Pre-Consumer Recycled Acrylic Content, refer to Registration # SCS-MC-01571.] [Corian® Terra Collection, Including the product colors: Dove, Raffia, Rice Paper, Serene Sage, Silver Birch, Tundra, Whisper and White Jasmine are certified to have a minimum 20% Pre-Consumer

Recycled Acrylic Content, refer to Registration # SCS-MC-02589.] Corian® Terra Collection conforms to the SCS Recycled Content Standard V7-0. Corian® Terra Collection colors are low VOC emitting, non-porous, long lasting surfaces and like all Corian® solid surfacing can be easily renewed and repaired.

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: **No HPD link provided**

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 DuPont Corian® and Zodiaq® 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.

Section 5: General Notes

Corian® solid surface 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 Materials and Resources (MR Credit) Building Product Disclosure and Optimization - Environmental Product Declarations (EPD) are now available. DuPont is leading the industry by providing EPDs for Corian® solid surface and Zodiaq® quartz products and contributing towards LEED v4 in this new Credit category. For Corian® solid surface EPD refer to <http://www.corian.com/IMG/pdf/corian-solid-surface-epd.pdf> and for Zodiaq® quartz EPD refer to <http://www.zodiaq.com/IMG/pdf/zodiaq-quartz-epd.pdf>

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **E. I. du Pont de Nemours and Company**
ADDRESS: **Chestnut Run Plaza, 974 Centre Road**
P. O. Box 2915
Wilmington DE 19805, USA
WEBSITE: **<http://www.corian.com/>**

CONTACT NAME: **Michael A. Banks**
TITLE: **Dr.**
PHONE: **716-879-4610**
EMAIL: **michael-arthur.banks@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.