

HPD UNIQUE IDENTIFIER: 23386

CLASSIFICATION: 32 17 00 Paving Specialties

PRODUCT DESCRIPTION: DEKTON® IS A REVOLUTIONARY ULTRA-COMPACT SURFACE THAT IMAGINES A NEW CONCEPT IN THE WORLD OF DESIGN AND ARCHITECTURE. MADE BY SOPHISTICATED RAW MATERIALS USED IN THE PRODUCTION OF GLASS, PORCELAIN AND QUARTZ SURFACES, DEKTON HAS UNIQUE CHARACTERISTICS AND INFINITE APPLICATION POSSIBILITIES - INCLUDING COUNTERTOPS, FLOORING, CLADDING AND FACADES FOR BOTH INDOOR AND OUTDOOR USE. DEKTON EMPLOYS EXCLUSIVE SINTERIZED PARTICLE TECHNOLOGY, A HIGH TECH PROCESS WHICH REPRESENTS AN ACCELERATED VERSION OF THE METAMORPHIC CHANGE THAT NATURAL STONE UNDERGOES WHEN SUBJECTED TO HIGH TEMPERATURES AND PRESSURE OVER THOUSANDS OF YEARS. ZERO POROSITY AND LACK OF THE MICRO-DEFECTS THAT CAUSE TENSION OR WEAK SPOTS DIFFERENTIATE DEKTON FROM OTHER SURFACING PRODUCTS. THIS HPD COVERS ALL COLORS AND TEXTURES OF DEKTON SURFACES.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<p><b>Inventory Reporting Format</b></p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold level</b></p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p><b>Residuals/Impurities</b></p> <p><input checked="" type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input type="radio"/> Not Considered</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p><b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p><b>Screened</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p><b>Identified</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i></p>
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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**  
**DEKTON SOLID SURFACE [ UNDISCLOSED LT-UNK | RES**  
**UNDISCLOSED LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED**  
**LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES**  
**UNDISCLOSED LT-UNK | RES ]**

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:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.0, and discloses all known hazards associated with substances present at or above 1000 parts per million (ppm) in the product, along with the role and percent by weight for each substance. Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

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

VOC emissions: GreenGuard

Other: ANSI/NSF 51-2012 Food equipment materials

Other: Environmental Product Declaration (EPD) by Environdec

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-07-15

PUBLISHED DATE: 2021-01-12

EXPIRY DATE: 2023-07-15

## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### DEKTON SOLID SURFACE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals have been considered based on Supplier MSDS/SDS for individual ingredients. Efforts are being made to obtain additional information on potential residuals from our Suppliers, and will be included in future versions of this HPD.

OTHER PRODUCT NOTES: This product does not contain resins or organic additives and therefore polymerization reactions are not used for its production. The chemical composition of the product is fully inorganic. Different formulas are used for DEKTON®, depending on the type of product required; this means that the final chemical composition can fluctuate without the physical or chemical properties being affected.

#### UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-15**

#: **60.0000 - 90.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Water resistance**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This substance is used as a null porosity in the application. Beneficial properties include high chemical inertness, stable pH, high resistance to abrasion and resistance to frosting.

#### UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-15**

#: **5.0000 - 11.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
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	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]
CAN	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: This substance is a mineral that serves as hardness, a qualitative scratch method for determining the hardness of a material to abrasion.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-15**

#: **4.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Abrasion resistance**

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

SUBSTANCE NOTES: This is an important ceramic material for both traditional and advanced structural application due to its high-temperature stability and suitable properties such as high melting point, low thermal expansion and conductivity, high electrical resistivity, good creep resistance, and corrosion stability

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-15**

#: **0.0000 - 14.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Brightener**

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

SUBSTANCE NOTES: Percent range is due to various colors and finishes available. This mineral serves as a white pigment.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-15**

#: **0.0000 - 7.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: Percent range varies due to various colors and finishes available. Darkener pigment

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-15**

#: **0.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Abrasion resistance**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This substance varies in composition with negligible amounts of potassium. Ranges vary depending on the desired color.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-15**

?: 0.0000 - 2.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Percent range given due to various colors and finishes available. Hazards not expected to apply once substance is bound in matrix of the finished product.

*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		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2007-09-27	EXPIRY DATE: 2020-09-27	CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: All			
CERTIFICATE URL: <a href="https://spot.ul.com/main-app/products/detail/5ad1ea5855b0e82d946a493d?page_type=Products%20Catalog">https://spot.ul.com/main-app/products/detail/5ad1ea5855b0e82d946a493d?page_type=Products%20Catalog</a>			
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 41572-420			

VOC EMISSIONS	GreenGuard		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2007-09-27	EXPIRY DATE: 2020-09-27	CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: All			
CERTIFICATE URL: <a href="https://spot.ul.com/main-app/products/detail/5ad1ea5855b0e82d946a493d?page_type=Products%20Catalog">https://spot.ul.com/main-app/products/detail/5ad1ea5855b0e82d946a493d?page_type=Products%20Catalog</a>			
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 41572-410			

OTHER	ANSI/NSF 51-2012 Food equipment materials		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2018-08-10	EXPIRY DATE:	CERTIFIER OR LAB: NSF
APPLICABLE FACILITIES: Cantoria, Almeria, Spain			
CERTIFICATE URL: <a href="http://info.nsf.org/Certified/Food/Listings.asp?Company=0C410&amp;Standard=051">http://info.nsf.org/Certified/Food/Listings.asp?Company=0C410&amp;Standard=051</a>			
CERTIFICATION AND COMPLIANCE NOTES: Solid Surfacing for Food Zone and Splash Zone. NSF International Certifies that the products appearing on this Listing conform to the requirements of This is the Official Listing recorded on August 10, 2018.			

OTHER	Environmental Product Declaration (EPD) by Environdec		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-03-18	EXPIRY DATE: 2024-03-16	CERTIFIER OR LAB: ISO 14025 and EN 15804
APPLICABLE FACILITIES: All EPD: International			
CERTIFICATE URL: <a href="https://www.environdec.com/Detail?Epd=11879">https://www.environdec.com/Detail?Epd=11879</a>			
CERTIFICATION AND COMPLIANCE NOTES: This EPD has been registered as a Dekton Platform with Reference number S-P-00916. The International EPD System is a founding member of the Dekton Platform and its procedures have undergone a peer audit to be able to use this logotype.			

MANAGEMENT	ISO 14001:2015 Quality management systems		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2013-12-18	EXPIRY DATE: 2022-12-17	CERTIFIER OR LAB: DNV GL
APPLICABLE FACILITIES: Cantoria, Almería, Spain			
CERTIFICATE URL: <a href="https://source.thenbs.com/literature/iso-14001-cosentino-en/3i5uLnZeKCjasgb7qwfCuc/3i5uLnZeKCjasgb7qwfCuc">https://source.thenbs.com/literature/iso-14001-cosentino-en/3i5uLnZeKCjasgb7qwfCuc/3i5uLnZeKCjasgb7qwfCuc</a>			
CERTIFICATION AND COMPLIANCE NOTES: Certificate No: 10000311642-MSC-ENAC-ESP This certificate is valid for the following scope: Design, manufacturing, production, distribution sales, and marketing of quartz surfaces. Design, manufacturing, production, distribution, sales, and marketing of ultra-compacted surfaces. Fabrication, distribution, sales, and marketing of natural stone products. Design, manufacturing, production, distribution, sales and marketing of recycled surfaces.			

MANAGEMENT	ISO 9001:2015 Quality management systems		
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CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Cantoria, Almería, Spain

CERTIFICATE URL: <https://source.thenbs.com/literature/iso-9001-cosentino/azQTUNU35cCK2XTjCn5EEr/azQTUNU35cCK2XTjCn5EEr>

ISSUE DATE: 2013-12-18

EXPIRY DATE: 2022-12-17

CERTIFIER OR LAB: DNV GL

**CERTIFICATION AND COMPLIANCE NOTES:** Certificate No: 10000311640-MS-ENAC-ES This certificate is valid for the following scope: Design, manufacturing, production, distribution sales, and marketing of quartz surfaces. Design, manufacturing, production, distribution, sales, and marketing of ultra-compacted surfaces. Fabrication, distribution, sales, and marketing of natural stone products. Design, manufacturing, production, distribution, sales, and marketing of recycled surfaces

## 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.

## Section 5: General Notes

One example of the final chemical composition of DEKTON® is as follows: aluminum silicates, amorphous silica, crystalline silica, zircon, and inorganic pigments. The content of crystalline silica in all colors and formulas will always be below 11% in weight. The product is classified with the TARIC tariff code: 6914.90.00.90. Nevertheless, in accordance with its technical characteristics, it complies with group B1a of standard EN 14411:2006, such as tiles both for indoor and outdoor flooring applications.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Cosentino SA  
**ADDRESS:** A-334, Salida 60  
 Almeria Cantoria 04850, Spain  
**WEBSITE:** www.dekton.com

**CONTACT NAME:** Tomas Echeverria  
**TITLE:** Technical Manager  
**PHONE:** +1 (786) 527 1501  
**EMAIL:** techeverria@cosentino.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**

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

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> No GreenScreen.

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