

HPD UNIQUE IDENTIFIER: 1491369984
CLASSIFICATION: 32 17 00 Paving Specialties
PRODUCT TYPE: Ceramic (Tile)
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

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

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
DEKTON SOLID SURFACE [UNDISCLOSED LT-UNK | MAM
UNDISCLOSED BM-2 UNDISCLOSED BM-1 | CAN | MAM | GEN
UNDISCLOSED NoGS UNDISCLOSED LT-UNK | MAM UNDISCLOSED
LT-UNK UNDISCLOSED LT-UNK | MAM | EYE]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-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 100 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
Management: ISO 14001:2015 Quality management systems
Management: ISO 9001:2015 Quality management systems

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2023-10-24
☐ Yes	VERIFIER:	PUBLISHED DATE: 2023-10-26
☒ No	VERIFICATION #:	EXPIRY DATE: 2026-10-24

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

DEKTON SOLID SURFACE

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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 DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-10-24 9:18:35	
%: 60.0000 - 90.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Water resistance
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
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: 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 DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-10-24 9:18:36	
%: 0.0000 - 14.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Brightener
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: Percent range is due to various colors and finishes available. This mineral serves as a white pigment.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-10-24 9:18:36

%: 5.0000 - 11.0000 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Activator

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	US NIH - Report on Carcinogens	Known to be a human Carcinogen
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: This substance is a mineral that serves as hardness, a qualitative scratch method for determining the hardness of a material to abrasion.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-10-24 9:18:36	
%: 4.0000 - 10.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Abrasion resistance
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: 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				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-10-24 9:18:36	
%: 0.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Abrasion resistance
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
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: This substance varies in composition with negligible amounts of potassium. Ranges vary depending on the desired color.				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-10-24 9:18:36		
%: 0.0000 - 7.0000	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: Percent range varies due to various colors and finishes available. Darkener pigment				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-10-24 9:18:36	
%: 0.0000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
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	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
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	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: All		EXPIRY DATE: 2024-09-27	Environment
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1ea5855b0e82d946a493d?page_type=Products%20Catalog			
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 41572-420			
VOC EMISSIONS		GreenGuard	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2007-09-27	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: All		EXPIRY DATE: 2024-09-27	Environment
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1ea5855b0e82d946a493d?page_type=Products%20Catalog			
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 41572-410			
MANAGEMENT		ISO 14001:2015 Quality management systems	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2013-12-18	CERTIFIER OR LAB: DNV GL
APPLICABLE FACILITIES: Cantoria, Almería, Spain		EXPIRY DATE: 2026-01-29	
CERTIFICATE URL: https://source.thenbs.com/literature/iso-14001-cosentino-en/3i5uLnZeKCjasgb7qwfCuc/3i5uLnZeKCjasgb7qwfCuc			
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	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2013-12-18	CERTIFIER OR LAB: DNV GL
APPLICABLE FACILITIES: Cantoria, Almería, Spain		EXPIRY DATE: 2026-01-29	
CERTIFICATE URL: https://source.thenbs.com/literature/iso-9001-cosentino/azQTUNU35cCK2XTjCn5EEr/azQTUNU35cCK2XTjCn5EEr			
CERTIFICATION AND COMPLIANCE NOTES: Certificate No: 10000311640-MSC-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			
ENVIRONMENTAL IMPACT		Environmental Product Declaration (EPD) by Environdec	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2019-03-18	CERTIFIER OR LAB: ISO 14025
APPLICABLE FACILITIES: All EPD: International		EXPIRY DATE: 2026-12-08	and EN 15804
CERTIFICATE URL: https://www.environdec.com/Detail/?Epd=11879			
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.			
HEALTH AND ENVIRONMENTAL		ANSI/NSF 51-2012 Food equipment materials	

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Cantoria, Almeria, Spain
CERTIFICATE URL:
<http://info.nsf.org/Certified/Food/Listings.asp?Company=0C410&Standard=051>

ISSUE DATE: 2018-08-10
EXPIRY DATE:

CERTIFIER OR LAB: NSF

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.

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
 COUNTRY: 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

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

