

CLASSIFICATION: 12 36 61.19 Quartz Agglomerate Countertops; 06.61.19 Quartz Surfacing Fabrications

PRODUCT DESCRIPTION: Vadara Quartz is a natural quartz surfacing product with a wide range of applications for both residential and commercial installations including; horizontal work surfaces, countertops, vanities, showers. Vadara Quartz is non-porous and does not support the growth of bacteria or mildew. Vadara quartz is heat and scratch resistant. Vadara Quartz is manufactured in slab form in various thicknesses and lengths.

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](#)

[VADARA QUARTZ SURFACES](#) | [QUARTZ](#) **LT-1** | [CAN POLYESTER \(POLYESTER RESIN\)](#) **NoGS** | [SILICA, CHRISTOBALITE](#) **LT-1** | [CAN TITANIUM DIOXIDE](#) **LT-1** | [CAN](#) | [END](#)]

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:

Inventory and Screen Notes are provided in sections 2.2.1.7 Materials or Product Notes, 2.2.2.9 Substance Notes or in the General Notes section 5

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
Material content migration: ANSI/NSF 51-2012 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: **2018-06-19**

PUBLISHED DATE: **2018-06-19**

EXPIRY DATE: **2021-06-19**

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

VADARA QUARTZ SURFACES

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered for all Vadara Quartz products

OTHER PRODUCT NOTES: Vadara Quartz Surfaces are manufactured as a non-porous homogeneous material suitable for virtually any interior applications in Healthcare, Education, Food Service, Retail and General Commercial environments. Vadara Quartz is composed of natural quartz and polyester resins. Vadara Quartz is NSF/ANSI Standard 51 approved for all food zone applications and is Green Guard Gold certified under UL 2818-2013

QUARTZ

ID: 14808-60-7

HAZARDS:	AGENCY(IES) WITH WARNINGS:	HAZARDS:	AGENCY(IES) WITH WARNINGS:
%: 80.0000 - 95.0000	GS: LT-1	RC: None	NANO: No
			ROLE: Natural Quartz Basic material
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	New Zealand - GHS		6.7A - Known or presumed human carcinogens
CANCER	Japan - GHS		Carcinogenicity - Category 1A
CANCER	Australia - GHS		H350 - May cause cancer
CANCER	Australia - GHS		H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Vadara Quartz in its finished form is an article and is non-toxic and non-allergenic to humans. The percentage range as provided due to a variety of colors provided.

POLYESTER (POLYESTER RESIN)

ID: 113669-95-7

HAZARDS:	AGENCY(IES) WITH WARNINGS:	HAZARDS:	AGENCY(IES) WITH WARNINGS:
%: 7.0000 - 15.0000	GS: NoGS	RC: None	NANO: No
			ROLE: Binding Agent
None Found	No warnings found on HPD Priority lists		

SUBSTANCE NOTES: Use of Polyester resin varies throughout product range based on design considerations and size of natural quartz aggregates used in manufacturing. Unsaturated polyesters are used in manufacturing and contain styrene monomer acting as a solvent.

SILICA, CHRISTOBALITE

ID: 14464-46-1

HAZARDS:	AGENCY(IES) WITH WARNINGS:	HAZARDS:	AGENCY(IES) WITH WARNINGS:
%: 0.0000 - 25.0000	GS: LT-1	RC: None	NANO: No
			ROLE: Natural Quartz Basic material
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	New Zealand - GHS		6.7A - Known or presumed human carcinogens
CANCER	Japan - GHS		Carcinogenicity - Category 1A
CANCER	Australia - GHS		H350 - May cause cancer
CANCER	Australia - GHS		H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Vadara Quartz in its finished form is an article and is non-toxic and non-allergenic to humans. The percentage range as provided due to a variety of colors provided.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARDS:	AGENCY(IES) WITH WARNINGS:	HAZARDS:	AGENCY(IES) WITH WARNINGS:
%: 0.0000 - 4.0000	GS: LT-1	RC: None	NANO: No
			ROLE: Pigment/Colorant

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: Vadara Quartz in its finished form is an article and is non-toxic and non-allergenic to humans. The percentage range as provided due to a variety of colors provided.

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: **2014-06-27**

EXPIRY DATE: **2018-06-27**

CERTIFIER OR LAB: **UL Environment**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL: <http://productguide.ulenvironment.com/ProductDetail.aspx?>

CERTIFICATION AND COMPLIANCE NOTES: **Certification renewed as required. Current certification is UL 2818-2013**

VOC EMISSIONS

GreenGuard Quality Cert

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL: [https://spot.ul.com/main-app/products/detail/5ad1eaea55b0e82d946a568d?
keywords=&filter=Manufacturer%2520%252F%2520Brands%3ALoyalty%2520Enterprise%2520Development%2520\(Xinyang\)%2520Co.%252C%2520Ltd&page_type=Products%20Catalog](https://spot.ul.com/main-app/products/detail/5ad1eaea55b0e82d946a568d?keywords=&filter=Manufacturer%2520%252F%2520Brands%3ALoyalty%2520Enterprise%2520Development%2520(Xinyang)%2520Co.%252C%2520Ltd&page_type=Products%20Catalog)

CERTIFICATION AND COMPLIANCE NOTES: **Certification renewed as required. Current certification is UL 2818-2013**

ISSUE

DATE:

2014-

06-27

2018-

06-27

MATERIAL CONTENT MIGRATION

ANSI/NSF 51-2012 Food equipment materials

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2014-08-01**

EXPIRY DATE:

CERTIFIER OR LAB: **NSFInternational**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL: <http://www.nsf.org/>

CERTIFICATION AND COMPLIANCE NOTES: **Certification renewed as required. Vadara Colors are ANSI/NSF Standard 51 Certified for Food Zone.**

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.

SEAM-IT SEAMING ADHESIVE

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Seam-It Seaming adhesive is recommended for use with Vadara Quartz Surfaces and is produced in a range of colors to match Vadara quartz slab materials. Seam-It adhesive creates high strength seams resulting in a superior material bond.. Seam-It is GreenGuard Gold Certified under UL 2818-2013 and certificate # is 697440420

Section 5: General Notes

Vadara Quartz is manufactured in slab form in both 2CM and 3CM thickness and provides a non-porous, homogeneous material comprised of natural quartz and polyester resins yielding a through body color, not laminated, coated or of composite construction. Vadara Quartz in its finished form is nontoxic and non-allergenic to humans and can be used in a variety of interior applications in Healthcare, Education, Food Service, Retail, General Commercial environments. Vadara is UL Environment Green Guard Gold certified under UL2818-2013 For more information about Vadara Quartz please contact us directly or website at www.vadaraquartz.com

MANUFACTURER INFORMATION

MANUFACTURER: **US Surfaces**
 ADDRESS: **4601 Spicewood Springs Road**
**Building 1-Suite 100
 Austin TX 78759, United States**
 WEBSITE: **4601 Spicewood Springs Road, Building 1-Suite 100**

CONTACT NAME: **Ed Rogers**
 TITLE: **Vice President-Business Development**
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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.