

HPD UNIQUE IDENTIFIER: (to be provided)

CLASSIFICATION: 12.36.61.19 Agglomerated Countertops

PRODUCT DESCRIPTION: Seieffe manufactures OKITE(R) which is a premium, high performance quartz surface for interior commercial and residential applications. Examples of these applications are: countertops, vanities, wall cladding, window sills, flooring, thresholds and other similar interior surfaces. This HPD includes the following products: 1114, 1405, 1432, 1642, 1663, 1665, 1701, 1705, 1706, 1707, 1709, 1710, 1715, 1717, 1801, 1804, 1809, 1810, 1813, 1896, 1911, 1915, 1916, 1926, 1931, 1932, 2005, 2009, 2253, 4001, 4002, 4003, 4004, 5006, 5008, 5009, 5010, 8050, 8061, 8062, 8063, 8064, 9002, 9003, 9004

## 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  
 Other

#### Residuals/Impurities

- Considered  
 Partially Considered  
 Not Considered

Explanation(s) provided  
for Residuals/Impurities?

- Yes  No

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

All substances screened using Priority Hazard Lists with results disclosed.

**Identified**  Yes Ex/SC  Yes  No

All substances disclosed by Name (Specific or Generic) and Identifier.

### 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**

**OKITE(R) QUARTZ SURFACES [ QUARTZ LT-1 | CAN POLYESTER NoGS  
TITANIUM DIOXIDE LT-1 | CAN | END GLASS / MINERAL FIBER (POST-  
CONSUMER RECYCLED) LT-UNK BENZENECARBOPEROXOIC ACID, 1,1-  
DIMETHYLETHYL ESTER LT-P1 | MUL COBALT, 2-ETHYLHEXANOATE,  
ISONONOATE COMPLEXES LT-P1 | CAN | REP ]**

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:

Quartz / Silica Sand - up to 93% of total weight Polyester resin to 12% of total weight Pigments up to 1% of total weight Recycled Glass Content for "Prisma" named colors only Other: Catalyst and Accelerator <1% by weight

### 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: UL/GreenGuard Gold Certified

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-05-18

PUBLISHED DATE: 2020-05-18

EXPIRY DATE: 2023-05-18



# 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](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

## OKITE(R) QUARTZ SURFACES

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered based on laboratory testing and are listed when they exceed 100 ppm.

OTHER PRODUCT NOTES: Product ingredient ranges vary based on design aesthetics.

### QUARTZ

ID: 14808-60-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-18

#: 80.0000 - 93.0000

GS: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

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: The total percentage of quartz/silica sand ranges from 80-93% based on design aesthetic needs. Possible carcinogenic impact is most prevalent during Fabrication, due to silica dust exposure.

### POLYESTER

ID: 113669-95-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-18

%: 7.0000 - 12.0000

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The total percentage of polyester ranges from 7-12% based on design aesthetic needs.

**TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-18

%: 0.1000 - 1.0000

GS: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

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: The total percentage of pigment is based on design aesthetic needs.

**GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)**

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-18

%: 0.0000 - 23.0000

GS: LT-UNK

RC: PostC

NANO: No

SUBSTANCE ROLE: Glass component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The total percentage of recycled glass ranges up to 23% for "Prisma" named colors only.

**BENZENECARBOPEROXOIC ACID, 1,1-DIMETHYLETHYL ESTER**

ID: 614-45-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-18

%: 0.0000 - 0.0910

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Catalyst

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

SUBSTANCE NOTES: The total percentage of Catalyst is based on manufacturing process requirements.

## COBALT, 2-ETHYLHEXANOATE, ISONONANOATE COMPLEXES

ID: 68478-57-9

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

HAZARD SCREENING DATE: **2020-05-18**

#: **0.0000 - 0.0070**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Accelerator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Australia	H350i - May cause cancer by inhalation
REPRODUCTIVE	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES: The total percentage of Accelerator is based on manufacturing process requirements.

## 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

### UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2008-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **Seieffe Bonea, Italy**

**04-11**

**04-11**

CERTIFICATE URL: <http://okite.com/us/trade/trade-certificazioni/>

CERTIFICATION AND COMPLIANCE NOTES: **None**

## 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.*

### SILICONE ADHESIVE

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

This material is used to seal areas between the quartz surface and other surfaces such as walls/flooring.

### POLYESTER RESIN ADHESIVE OR EPOXY

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

This product is used for seaming quartz surfaces together.

## Section 5: General Notes

None



## MANUFACTURER INFORMATION

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MANUFACTURER: **Seieffe Corporation**  
ADDRESS: **12227 FM 529 Suite K**  
**Houston TX 77041, USA**  
WEBSITE: **www.okite.com**

CONTACT NAME: **Donna Appleby**  
TITLE: **Project and Design Specification Manager**  
PHONE: **713-849-3800**  
EMAIL: **d.appleby@seieffe.us**

**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

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### Hazard Types

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

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<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-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	

### 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.*