

HPD UNIQUE IDENTIFIER: 1130199040

CLASSIFICATION: 12 36 61.19 Quartz Agglomerate Countertops

PRODUCT DESCRIPTION: Caesarstone Ltd. manufactures premium quartz surfaces, which are used in both residential and commercial projects as countertops, vanities, wall cladding, floors and other interior surfaces. Caesarstone combines beauty with outstanding performance, enabling you to bring your design imagination to life. This HPD covers Caesarstone Surfaces in all available models and colors.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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

CAESARSTONE INDOOR QUARTZ SURFACES [QUARTZ (QUARTZ/SILICA) BM-1 | CAN FELDSPAR LT-UNK | RES CRISTOBALITE LT-1 | CAN REACTED/CURED RESIN LT-UNK | RES TITANIUM DIOXIDE LT-1 | CAN | END FERRIC OXIDE YELLOW LT-UNK | CARBON BLACK BM-1 | CAN FERRIC OXIDE BM-1 | CAN ULTRAMARINE (PIGMENT) LT-UNK | IRON OXIDE BM-1 | CAN IRON MANGANESE TRIOXIDE NoGS | SILICIC ACID, ALUMINUM SODIUM SALT, SULFURIZED LT-UNK | RES UNKNOWN NoGS | TERT-BUTYL 3,5,5-TRIMETHYLPEROXYHEXANOATE LT-P1 | MUL KAOLIN, CALCINED LT-UNK | 3-TRIMETHOXSILYLPROPYL METHACRYLATE LT-UNK | COBALT OCTOATE LT-1 | CAN | RES | MUL | GEN | REP | EYE | MAM | AQU | SKI MIXED RECYCLED GLASS/MIRROR BASALT GRAVEL F2]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-1, LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [MixedRecycledContent]

Special Conditions applied: [GeologicalMaterial]

Substances not identified by name and CAS number are held as proprietary by the manufacturer. All substances include percent by weight and role in product, and have been screened for hazards.

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

VOC emissions: Inherently non-emitting source per LEED

Other: ANSI/NSF 51 - 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: 2022-06-27

PUBLISHED DATE: 2023-07-29

EXPIRY DATE: 2025-06-27

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

CAESARSTONE INDOOR QUARTZ SURFACES

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Partially

RESIDUALS AND IMPURITIES NOTES: Emerging Best Practices for considering residuals and impurities were followed. To the best of our knowledge, no residuals or impurities are expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS that are not otherwise disclosed as intentionally added ingredients (e.g. Quartz/Silica). This review was based on information provided via product testing and from our suppliers. Pharos CML was referenced when information on residuals and impurities was otherwise not available.

OTHER PRODUCT NOTES: Percent by weight of substances given as ranges to account for the wide variety of aggregates and colors available. A lower value of 0% indicates that a substance is not always used in every surface formulation.

QUARTZ (QUARTZ/SILICA)

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-06-27 1:13:38

#: 20.0000 - 92.0000 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Filler

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	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
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Silicate aggregate. Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product. May also include the following CASRNs: 60676-86-0 [LT-1 | CAN]; 14464-46-1 [LT-1 | CAN]. May represent possible impurity present in other raw materials.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:45**

%: **0.0000 - 70.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Pharos CML lists the following as "Known or Potential Residuals" for Feldspar; however, as these substances are all "Integral/Frequent Components" of Feldspar, they are listed here instead of as individual substance entries: Aluminum Oxide (1344-28-1; BM-2; Unknown %); Barium Oxide, Anhydrous (1304-28-5; LT-UNK; Unknown %); Calcium Oxide (1305-78-8; LT-P1; 0.70-1.40%); Dipotassium Oxide (12136-45-7; LT-UNK; 0.10-0.70%); Ferrous Oxide (1345-25-1; LT-UNK; 0.10%); Magnesium Oxide (1309-48-4; LT-UNK; Unknown %); Silica, Amorphous (7631-86-9; LT-P1; 60.7-68.3%); Silica, Vitreous (11126-22-0; LT-UNK; Unknown %); Sodium Oxide (1313-59-3; LT-UNK; 3.0-9.8%); Strontium Oxide (1314-11-0; LT-UNK; Unknown %). Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

CRISTOBALITE

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:40**

%: **0.0000 - 55.0000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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	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
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Cristobalite is an odd form of silica. It is composed of the same elements as Quartz but has a different crystal structure, making it a separate mineral. Percentage depends on the Caesarstone design

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **0.0000 - 42.0000** GreenScreen: **Not Required** RC: **Both** NANO: **No** MATERIAL ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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Hazard Screening is not applicable to this Special Condition

INGREDIENT DESCRIPTION: Recycled glass & mirror

ANALYTICAL TESTING: Information provided by supplier.

BATCH VARIATION: No, Particle size distribution, shade, impurity

COUNTRY OF ORIGIN: Spain

MATERIAL CONTENT NOTES: From supplier: All glass waste we receive is sorted, cleaned and treated with the best available technologies for glass recycling process. In the first phase of the treatment, all the impurities are extracted from the input flow, such as plastic packaging, lids, corks, stones, ceramic components, paper, etc. The metal elements are automatically extracted using permanent magnets and Foucault based machines. Then the glass is sieved according to its grain size using various sieve machines (screenings). Several optical system sensors automatically sort and remove the foreign objects such as ceramic elements and stones from the glass flow. Because the technology of the glass sorting machines is constantly progressing, we actively cooperate with the leading companies of artificial vision devices, adapting our machinery to use the best techniques available at all times. The fine glass is free from contaminants and is of the highest quality in all aspects: purity, size distribution, color and clarity.

See Substance Notes

This disclosure does not provide information on the potential presence of hazardous substances which may be found in certain mixed recycled materials.

REACTED/CURED RESIN

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:38**

%: **7.0000 - 14.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
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ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
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None found		No listings found on Additional Hazard Lists
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SUBSTANCE NOTES: Substance identity to remain proprietary to manufacturer. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Other CASRN that may apply to this substance include [Proprietary CASRN; NoGS | NO]; [Proprietary CASRN; LT-UNK | NO]; [Proprietary CASRN; NoGS | NO].

BASALT GRAVEL

ID: **Geological Material**

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **0.0000 - 8.3000** GreenScreen: **Not Required** RC: **None** NANO: **No** MATERIAL ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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Hazard Screening is not applicable to this Special Condition

INGREDIENT DESCRIPTION AND COMPOSITION: 46.6% SiO₂; 14.5% Al₂O₃; 12.5% FeO₃; 10.4% CaO; 3.4% MgO; 3.7% Na₂O; 1.0% K₂O

COUNTRY OF ORIGIN: Israel

RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.

POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.

MATERIAL CONTENT NOTES: Basalt gravel not used in every surface formulation.

F2

ID: **Geological Material**

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **0.0000 - 4.5000** GreenScreen: **Not Required** RC: **None** NANO: **No** MATERIAL ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening is not applicable to this Special Condition		

INGREDIENT DESCRIPTION AND COMPOSITION: **90%**

COUNTRY OF ORIGIN: **India**

RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.

POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.

MATERIAL CONTENT NOTES: The material to remain proprietary to the manufacturer. The substance has not been screened against HPD Priority Lists using the HPD Builder with results disclosed. The substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

TITANIUM DIOXIDE

ID: **13463-67-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:44**

%: **0.0000 - 4.0000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List. Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

FERRIC OXIDE YELLOW

ID: 51274-00-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:44**

%: **0.0000 - 1.0000** 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:

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:44**

%: **0.0000 - 1.0000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

FERRIC OXIDE

ID: 1309-37-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:43**

%: **0.0000 - 1.0000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool. Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.		

ULTRAMARINE (PIGMENT)

ID: 57455-37-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-27 1:13:42		
%: 0.0000 - 1.0000	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:				

IRON OXIDE

ID: 1317-61-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-27 1:13:41		
%: 0.0000 - 1.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.				

IRON MANGANESE TRIOXIDE

ID: 12062-81-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-27 1:13:41		
%: 0.0000 - 1.0000	GreenScreen: NoGS	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: C.I. Pigment Black 33.

SILICIC ACID, ALUMINUM SODIUM SALT, SULFURIZED ID: 101357-30-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-27 1:13:42		
%: 0.0000 - 0.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

UNKNOWN ID: 854373-71-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-06-14 4:31:42		
%: 0.0000 - 0.4000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
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: Substance to remain proprietary to manufacturer. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

TERT-BUTYL 3,5,5-TRIMETHYLPEROXYHEXANOATE ID: 13122-18-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-27 1:13:39		
%: 0.1400 - 0.3000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Initiator
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Substance identity to remain proprietary to manufacturer. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

KAOLIN, CALCINED

ID: 92704-41-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:43**

%: **0.0000 - 0.2000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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:

3-TRIMETHOXYSILYLPROPYL METHACRYLATE

ID: 2530-85-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-27 1:13:39**

%: **0.0800 - 0.1000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

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: Substance to remain proprietary to manufacturer. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

COBALT OCTOATE

ID: 136-52-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-06-14 1:43:27**

%: **0.0140 - 0.0300** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Accelerator**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
GEN	MAK	Germ Cell Mutagen 3a
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
REP	GHS - Korea	H360 - May damage fertility or the unborn child [Category 1(1B)]
CAN	GHS - Korea	H350 - May cause cancer [Carcinogenicity - Category 1]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
AQU	GHS - Korea	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Korea	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
SKI	GHS - Korea	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
GEN	GHS - Korea	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
RES	GHS - Japan	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]
REP	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child [Reproductive toxicity - Category 1A or 1B]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products

SUBSTANCE NOTES: Substance to remain proprietary to manufacturer. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Substance is encapsulated in a polymer matrix, and thus form-specific hazards are not expected to apply to the finished and installed product.

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 APPLICABLE FACILITIES: Sdot-Yam, ISRAEL; Bar-Lev, ISRAEL; Richmond Hill, GA, USA CERTIFICATE URL: http://certificates.ulenvironment.com/default.aspx?id=5464&t=cs	ISSUE DATE: 2008-08-05 EXPIRY DATE: 2023-08-05	CERTIFIER OR LAB: UL Environment
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number 5464-420. 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 V1.2-2017 using an Office and Classroom 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	Inherently non-emitting source per LEED	
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: FINAL ASSEMBLY LOCATION: KIBBUTZ SDOT-YAM, ISRAEL BAR-LEV, ISRAEL RICHMOND HILL, GEORGIA, USA CERTIFICATE URL: https://declare.living-future.org/products/caesarstone-quartz-surfaces-select-colors	ISSUE DATE: 2022-08-29 EXPIRY DATE: 2023-02-01	CERTIFIER OR LAB: None
CERTIFICATION AND COMPLIANCE NOTES: DECLARE IDCRS-0001 I-13 RED LIST (DECLARATION STATUS): LBC RED LIST APPROVED I-14 RESPONSIBLE SOURCING: NOT APPLICABLE I-10 HEALTHY INTERIOR PERFORMANCE: CDPH STANDARD METHOD V1.2-2017 EXCEPTIONS: RL-004B - PROPRIETARY INGREDIENTS IN DECLARE		

OTHER	ANSI/NSF 51 - Food Equipment Materials	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Richmond Hill, GA, USA; Misgav, ISRAEL; M.P. Menashe, ISRAEL CERTIFICATE URL: https://www.caesarstoneus.com/about-us/environmental-commitment/food-safety/	ISSUE DATE: 2016-06-10 EXPIRY DATE:	CERTIFIER OR LAB: NSF International
CERTIFICATION AND COMPLIANCE NOTES: Establishes minimum public health and sanitation requirements for materials used in the construction of commercial food equipment. The requirements are based on U.S. FDA regulations.		

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.

100% SILICONE ADHESIVE MANUFACTURER (OR GENERIC): Tenax
HPD URL: No HPD available ACCESSORY TYPE: Adhesive CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: To attach countertop to kitchen units; to seal space between countertop and wall.
POLYESTER RESIN ADHESIVE MANUFACTURER (OR GENERIC): Tenax

HPD URL: No HPD available

ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: To seal seams. Epoxy-Modified Acrylic Adhesive can also be used.

Section 5: General Notes

Raw quartz is abundant in nature, it is common like sand but harder than steel. Quartz countertops are a man-made stone that Caesarstone pioneered, and we engineer surfaces with up to 90% quartz minerals to give advantages that are unattainable in marble, granite, and other natural stones.

MANUFACTURER INFORMATION

MANUFACTURER: Caesarstone
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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 HPD and for compliance with the HPD standard noted.