

HPD UNIQUE IDENTIFIER: 21445

CLASSIFICATION: 12 36 00 Countertops

PRODUCT DESCRIPTION: Technistone® quartz surfaces are high-quality, nonporous, composite materials, built from hard, inorganic, polishable granulates, compactly bound together with a binder and a filler and colored with various pigments. Technistone® quartz surfaces are smooth, resistant, and are available in various sizes for a wide range of applications.

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 except SC substances characterized according to SC guidance.

Screened  Yes Ex/SC  Yes  No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified  Yes Ex/SC  Yes  No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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**

QUARTZ SURFACE WITH COLORED GLASS [ SC:QUARTZ (SILICONE DIOXIDE) Not Screened POLYESTER NoGS SILICIC ACID, POTASSIUM SALT LT-P1 3-TRIMETHOXYSILYLPROPYL METHACRYLATE LT-UNK TERT-BUTYL 3,5,5-TRIMETHYLPEROXYHEXANOATE LT-P1 | MUL UNDISCLOSED LT-1 | PBT | MAM | GEN | CAN | MUL COBALT OCTOATE LT-1 | RES | CAN | MUL | GEN | REP IRON OXIDE BM-1 | CAN SILICA, AMORPHOUS BM-1 | CAN MANGANESE (II) OXIDE LT-P1 BIOTITE NoGS ETHYLBENZENE BM-1 | CAN | PHY | MAM | SKI | END | REP UNDISCLOSED BM-1 | DEV | REP | PHY | MAM | SKI | END | MUL UNDISCLOSED LT-UNK XYLENES BM-1 | SKI | END | MUL | REP UNDISCLOSED LT-UNK BBOB BM-1 | PBT FELDSPAR LT-UNK | RES TITANIUM DIOXIDE LT-1 | CAN | END MICA LT-UNK FERRIC OXIDE BM-1 | CAN IRON HYDROXIDE OXIDE YELLOW LT-UNK CARBON BLACK BM-1 | CAN FERRATE(4-), HEXAKIS(CYANO-C)-, AMMONIUM IRON(3++) (1:1:1), (OC-6-11)- LT-UNK CHROMIUM IRON OXIDE LT-P1 | SKI 2-NAPHTHALENECARBOXAMIDE, N,N'-(2-CHLORO-1,4-PHENYLENE) BIS[4-[(2,5-DICHLOROPHENYL)AZO]-3-HYDROXY- LT-UNK 5,12-DIHYDROQUINO(2,3-B)ACRIDINE-7,14-DIONE LT-UNK C.I. PIGMENT BLUE 15 BM-3 SILICIC ACID, ALUMINUM SODIUM SALT, SULFURIZED NoGS UNDISCLOSED LT-P1 | MUL SC:NATURAL STONE Not Screened POLYETHYLENE TEREPHTHALATE (PET) LT-UNK NICKEL RUTILE YELLOW LT-1 | RES | CAN ]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: GeologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

This HPD covers the following products: Brilliant (Black, Grey, White, Arabesco, Galaxy), Crystal (Steel), Elegance Eco (Ash, Nev, Zen), Gobi (Black, Urban), Noble (Concrete Grey, Metropoli), Pearl (Delta, Lava, Rocca), Starlight (Black, Brown, Grey, Lyra, Ruby, Sand, White, Ice), Taurus Black. These products differ only in granulate mixture, composed of geological material (quartz, feldspar, natural stone, and metallic salt), and binder and pigments variances below 10%.

## 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: California Specification 013580

VOC emissions: Indoor Advantage Gold - Indoor Air Quality Certified to SCS-EC 10.3-2014 v4.0

Other: ANSI/NSF 51-2012 Food equipment materials

Recycled content: Minimum 40% Pre-Consumer Recycled Mirror and Glass Content

### 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: **2020-08-18**

PUBLISHED DATE: **2020-08-18**

EXPIRY DATE: **2023-08-18**



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

## QUARTZ SURFACE WITH COLORED GLASS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered based on lab testing, and are only displayed when they are potentially greater than 100 ppm.

OTHER PRODUCT NOTES: The quartz surface with colored glass is composed of a core granulate mixture (quartz, feldspar, natural stone, and metallic salt), a binder component (polyester resin and additives) and various pigments. The percent ranges account for the variation in the granulate mixture and colorant options for the Technistone Quartz Surfaces. There is no provision for any risk associated with the finished engineered stone Technistone. Once the slab is produced and fabricated these concerns are no longer present in the finish product as the material is inert and safety. Technistone products are tested and certified according NSF/ANSI 51 standard as fully useful for direct food contact.

### SC:QUARTZ (SILICONE DIOXIDE)

ID: SC:GeoMat

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-18

#: 37.3000 - 91.0000

GS: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCGeoMats/2019-06-20

Origin: Czech Republic, Italy, Turkey, India, Brazil, Canada

Typical Composition: This disclosure does not provide typical composition.

Potential presence of toxic metals: This disclosure does not provide information on the potential presence of toxic metals.

Presence of Radioactive Elements: This disclosure does not provide radioactive elements which may be found in certain geological materials.

None

### POLYESTER

ID: 113669-95-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-18

#: 8.1000 - 12.4000

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: none

**SILICIC ACID, POTASSIUM SALT**

ID: 10006-28-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-18**%: **1.6000 - 47.2000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **none****3-TRIMETHOXYSILYLPROPYL METHACRYLATE**

ID: 2530-85-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-18**%: **0.0930 - 0.1900**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Coating**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **none****TERT-BUTYL 3,5,5-TRIMETHYLPEROXYHEXANOATE**

ID: 13122-18-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-18**%: **0.0500 - 0.0900**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Initiator**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **none****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-18**%: **0.0070 - 0.0170**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Catalyst**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
GENE MUTATION	EU - GHS (H-Statements)	H340 - May cause genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
GENE MUTATION	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	EU - Annex VI CMRs	Mutagen - Category 1B
GENE MUTATION	GHS - Australia	H340 - May cause genetic defects
CANCER	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: it is a solvent of cobalt octoate

## COBALT OCTOATE

ID: 136-52-7

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0070 - 0.0170**

GS: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Catalyst**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GENE MUTATION	MAK	Germ Cell Mutagen 3a
CANCER	GHS - Australia	H350i - May cause cancer by inhalation
REPRODUCTIVE	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES: none

## IRON OXIDE

ID: 1317-61-9

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0060 - 0.1550**

GS: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: none

## SILICA, AMORPHOUS

ID: 7631-86-9

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.0400**

GS: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: none

## MANGANESE (II) OXIDE

ID: 1344-43-0

%: **0.0000 - 0.1000**GS: **LT-P1**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: **none****BIOTITE**ID: **1302-27-8**%: **0.0000 - 0.3000**GS: **NoGS**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: **none****ETHYLBENZENE**ID: **100-41-4**%: **0.0000 - 0.0400**GS: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

MAMMALIAN

EU - GHS (H-Statements)

H304 - May be fatal if swallowed and enters airways

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

CANCER

CA EPA - Prop 65

Carcinogen

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

REPRODUCTIVE

GHS - Japan

Toxic to reproduction - Category 1A [H360]

REPRODUCTIVE

GHS - Japan

Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: **mixture - dispersing agent****UNDISCLOSED**

%: **0.0000 - 0.0400**

GS: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]

SUBSTANCE NOTES: it is a part of mixture - dispersing agent

### UNDISCLOSED

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

HAZARD SCREENING DATE: **2020-08-18**

%: **0.0000 - 0.0400**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dispersant**

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

SUBSTANCE NOTES: it is a part of mixture - dispersing agent

### XYLENES

ID: **1330-20-7**

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

HAZARD SCREENING DATE: **2020-08-18**

%: **0.0000 - 0.0400**

GS: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]



SUBSTANCE NOTES: mixture - dispersing agent

## UNDISCLOSED

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.0400**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: it is a part of mixture - dispersing agent

## BBOT

ID: **7128-64-5**

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.0170**

GS: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Brightener**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PBT

ChemSec - SIN List

PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)

SUBSTANCE NOTES: none

## FELDSPAR

ID: **68476-25-5**

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 23.9000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: none

## TITANIUM DIOXIDE

ID: **13463-67-7**

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 1.4800**

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: none

## MICA

ID: 12001-26-2

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.3000**

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: none

## FERRIC OXIDE

ID: 1309-37-1

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.1490**

GS: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: none

## IRON HYDROXIDE OXIDE YELLOW

ID: 20344-49-4

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.1490**

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: none		

### CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-18		
%: 0.0000 - 0.1330	GS: BM-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		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES: none				

### FERRATE(4-), HEXAKIS(CYANO-C)-, AMMONIUM IRON(3++) (1:1:1), (OC-6-11)-

ID: 25869-00-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-18		
%: 0.0000 - 0.0960	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: none				

### CHROMIUM IRON OXIDE

ID: 12737-27-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-18		
%: 0.0000 - 0.0830	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
SUBSTANCE NOTES: none				

**2-NAPHTHALENECARBOXAMIDE, N,N'-(2-CHLORO-1,4-PHENYLENE) BIS[4-[(2,5-DICHLOROPHENYL)AZO]-3-HYDROXY-**

ID: 5280-78-4

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.1160**

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: **none**

**5,12-DIHYDROQUINO(2,3-B)ACRIDINE-7,14-DIONE**

ID: 1047-16-1

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.0330**

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: **none**

**C.I. PIGMENT BLUE 15**

ID: 147-14-8

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.0330**

GS: **BM-3**

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: **none**

**SILICIC ACID, ALUMINUM SODIUM SALT, SULFURIZED**

ID: 101357-30-6

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

HAZARD SCREENING DATE: **2020-08-18**

#: **0.0000 - 0.0710**

GS: **NoGS**

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: **none**

**UNDISCLOSED**

%: **0.0000 - 0.0400**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**MULTIPLE**

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: **it is a part of mixture - dispersing agent****SC:NATURAL STONE**ID: **SC:GeoMat**%: **0.0000 - 36.5000**GS: **Not Screened**RC: **None**NANO: **No**SUBSTANCE ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

**Version: SCGeoMats/2019-06-20****Origin: Czech Republic, Italy, Norway****Typical Composition: This disclosure does not provide typical composition.****Potential presence of toxic metals: This disclosure does not provide information on the potential presence of toxic metals.****Presence of Radioactive Elements: This disclosure does not provide radioactive elements which may be found in certain geological materials.****None****POLYETHYLENE TEREPHTHALATE (PET)**ID: **25038-59-9**%: **0.0000 - 0.0500**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: **none****NICKEL RUTILE YELLOW**ID: **8007-18-9**%: **0.0000 - 0.0200**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen

SUBSTANCE NOTES: **none**

## 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

#### California Specification 013580

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2010-06-17**      EXPIRY DATE:  
APPLICABLE FACILITIES: **Technistone's Engineered Stone**  
CERTIFIER OR LAB: **Tile Council of North America (TCNA)**  
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Technistone's Engineered Stone is in compliance with the tolerable levels outlined in California Specification 01350 and can contribute towards achieving the following green building credits: LEED, IEQ Credit 4.3: Low-Emitting Materials- Flooring Systems; ICC 700-2008, 901.6: Pollutant Source Control-Hard-Surface Flooring; and CHPS, EQ2.2: Low-Emitting Materials.

### VOC EMISSIONS

#### Indoor Advantage Gold - Indoor Air Quality Certified to SCS-EC 10.3-2014 v4.0

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2020-06-10**      EXPIRY DATE: **2021-06-09**      CERTIFIER OR LAB: **SCS Global Services**  
APPLICABLE FACILITIES: **Conforms to California Department of Public Health Standard Method for Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Test Chambers (CA 1350) v1.2-2017 (effective January, 2017) for the school classroom, private office, and single family residence parameters (flooring).**  
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Indoor Advantage Gold - Indoor Air Quality Certified to SCS-EC 10.3-2014 v4.0

### OTHER

#### ANSI/NSF 51-2012 Food equipment materials

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2019-05-28**      EXPIRY DATE:  
APPLICABLE FACILITIES: **Hradec Králové, Czech Republic; See listing for Technistone products covered.**  
CERTIFIER OR LAB: **NSF International**  
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: NSF International Certifies that the product appearing on the Listing conform to the requirements of NSF/ANSI Standard 51 - Food Equipment Materials.

### RECYCLED CONTENT

#### Minimum 40% Pre-Consumer Recycled Mirror and Glass Content

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2018-09-01**      EXPIRY DATE: **2019-08-31**      CERTIFIER OR LAB: **SCS Global Services**  
APPLICABLE FACILITIES: **For the following products: Starlight Ruby, Starlight White**  
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Conforms to the SCS Recycled Content Standard V7-0

### RECYCLED CONTENT

#### Minimum 30% Pre-Consumer Recycled Mirror and Glass Content

CERTIFYING PARTY: <b>Third Party</b>	ISSUE DATE: <b>2018-</b>	EXPIRY DATE: <b>2019-</b>	CERTIFIER OR LAB: <b>SCS Global</b>
APPLICABLE FACILITIES: <b>For the following products:</b>	<b>09-01</b>	<b>08-31</b>	<b>Services</b>
<b>Starlight Sapphire, Starlight Grey, Starlight Blue, Starlight Green, Starlight Red, Starlight Brown, Brilliant Black, Starlight Sand, Starlight Corto, Starlight Mocca, Starlight Latte, Starlight Frappe, Brilliant Grey, Elegance Eco Nev, Elegance Eco Ash, Elegance Eco Zen, Brilliant Galaxy</b>			

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Conforms to the SCS Recycled Content Standard V7-0**

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**RECYCLED CONTENT** **Minimum 20% Pre-Consumer Recycled Mirror and Glass Content**

CERTIFYING PARTY: <b>Third Party</b>	ISSUE DATE: <b>2018-</b>	EXPIRY DATE: <b>2019-</b>	CERTIFIER OR LAB: <b>SCS Global</b>
APPLICABLE FACILITIES: <b>For the following products:</b>	<b>09-01</b>	<b>08-31</b>	<b>Services</b>
<b>Brilliant White, Elegance Dark Grey, Gobi Black, Gobi Brown, Classic Ice, Brilliant Arabesco</b>			

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Conforms to the SCS Recycled Content Standard V7-0**

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**RECYCLED CONTENT** **Minimum 70% Pre-Consumer Recycled Mirror, Filler, and Glass Content**

CERTIFYING PARTY: <b>Third Party</b>	ISSUE DATE: <b>2018-</b>	EXPIRY DATE: <b>2019-</b>	CERTIFIER OR LAB: <b>SCS Global</b>
APPLICABLE FACILITIES: <b>For the following products:</b>	<b>09-01</b>	<b>08-31</b>	<b>Services</b>
<b>Starlight Black, CS Black</b>			

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Conforms to the SCS Recycled Content Standard V7-0**

**+ 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**

Technistone® is a leading producer of quartz surfaces designed for high quality kitchens and bathrooms with more than 20 years of history. Headquartered in the heart of Europe, Technistone® continues its tradition of quartz surface production in the Czech Republic and is best known for the production of high-performance, reliable, and hygienic quartz slabs, tiles and surfaces. There is no provision for any risk associated with the finished engineered stone Technistone. Once the slab is produced and fabricated these concerns are no longer present in the finish product as the material is inert and safety. Technistone products are tested and certified according NSF/ANSI 91 standard as fully useful for direct food contact.





## MANUFACTURER INFORMATION

MANUFACTURER: **Technistone, a. s.**  
 ADDRESS: **Bratri Stefanu 1070**  
**Hradec Kralove Region of Bohemia 500 03, Czech**  
**Republic**  
 WEBSITE: **www.technistone.com**

CONTACT NAME: **Petra Dušková**  
 TITLE: **Head of Laboratory**  
 PHONE: **420495714751**  
 EMAIL: **duskova@technistone.cz**

*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>NoGS</b> No GreenScreen.
<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)	

### 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*

