

HPD UNIQUE IDENTIFIER: 52385755
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 12 36 00 Countertops

PRODUCT DESCRIPTION: Technistone engineered stone 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 engineered stone surfaces are smooth, resistant, and are available in various sizes for a wide range of applications.

SCREENING DATE: 2026-09-16
PUBLISHED DATE: 2026-09-16
EXPIRY DATE: 2029-09-16
PREPARER: Self-Prepared

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

→ Basic Method

Threshold Disclosed Per

→ Product

Threshold Level

→ 100 ppm

Residuals/Impurities Evaluation

→ Completed

Explanation(s) provided :

Yes

For all contents above the threshold, the manufacturer has:

Characterized

Provided weight and role.

Screened

Provided screening results using HPDC-approved methods.

Identified

Provided name and CAS RN or other identifier.

No

No

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

ENGINEERED STONE TECHNISTONE - MIRRORS [SILICIC ACID (H2SiO3), POTASSIUM SALT (1:2) [LT-P1] SKI SILICEOUS SAND FELDSPAR [LT-UNK] MAM UNSATURATED POLYESTER RESIN [NOGS] TITANIUM DIOXIDE [BM-1] CAN | END | MAM TRIMETHOXYSYLYLPROPYL METHACRYLATE [LT-UNK] SKI | EYE TERT-BUTYL PEROXYBENZOATE [LT-P1] MUL | EYE | AQU | MAM | PHY POLYETHYLENE TEREPHTHALATE (PET) [LT-UNK] CARBON BLACK [BM-1] CAN | EYE | MAM | PHY FERROSFERRIC OXIDE [BM-1] CAN CHROMIUM IRON OXIDE [LT-P1] SKI 2-NAPHTHALENECARBOXAMIDE, N,N'-(2,5-DICHLORO-1,4-PHENYLENE)BIS(4-(2-(2,5-DICHLOROPHENYL)DIAZENYL)-3-HYDROXY- [LT-UNK] COBALT BIS(2-ETHYLHEXANOATE) [LT-1] CAN | RES | MUL | GEN | REP | EYE | MAM | AQU | SKI BIS(TERT-BUTYL BENZOAZOLYL) THIOPHENE [BM-1] PBT XYLENES [BM-1] END | MUL | REP | SKI | EYE | MAM | AQU CINQUASIA RED [LT-UNK] FERROSFERRIC OXIDE [BM-1] CAN PHENOL, 4-(1,1-DIMETHYLETHYL)-, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND 4,4'-(1-METHYLETHYLIDENE)BIS(PHENOL) [LT-UNK] FERRIC OXIDE [BM-1] CAN | MAM FERROSFERRIC OXIDE [BM-1] CAN HYDRATED FERRIC OXIDE [LT-UNK] FERRIC OXIDE [BM-1] CAN | MAM]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1, LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.

Special Conditions applied: [Geological/Material]

Special Conditions applied: [Polymers]

This HPD covers the following products: Brilliant Arabesco, Brilliant Black, Brilliant White, Pearl Delta, Starlight Black, Starlight Grey, Starlight Ice, Starlight Lyra, Starlight White

PFAS DETAILS:

This product does not contain intentionally added PFAS and materials and substances from suppliers are verified to not contain PFAS.

Attestation:

Petra Duskova, Technistone, s.r.o.

2025-09-15

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified

VOC emissions: SCS Indoor Advantage Gold - Classroom & Office scenario

Management: ISO 9001:2015 Quality management systems

Management: ISO 14001:2015 - Environmental management systems

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

ENGINEERED STONE TECHNISTONE - MIRRORS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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 engineered stone surface is composed of a core granulate mixture (feldspar, silica sand, quartz and natural stone), 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 Engineered Stone 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.

SILICIC ACID (H2SIO3), POTASSIUM SALT (1:2)

ID: 10006-28-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-16 8:30:43

%: 43.8990 - 43.8990

GreenScreen: LT-P1

RC: PostC

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

SKI

GHS - Australia

H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: clear glass and mirror chips (Czech Republic, Slovakia, Italy, Spain)

SILICEOUS SAND

ID: Geological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 25.9910 - 25.9910	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
INGREDIENT DESCRIPTION AND COMPOSITION: SiO2 content min. 98 %				
COUNTRY OF ORIGIN: Czech Republic, Turkey, Italy, 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:				

FELDSPAR

ID: 68476-25-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 8:30:43		
%: 21.1600 - 21.1600	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - New Zealand		Specific target organ toxicity - repeated exposure category 1		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:					

UNSATURATED POLYESTER RESIN

ID: 1373121-80-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 05:47:38		
%: 8.1600 - 8.1600	GreenScreen: NoGS	RC: None	NANO: No	POLYMER ROLE: Binder	
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
POLYMER TYPE: Thermoset prepolymer (i.e. partially reacted)		
AVERAGE MOLECULAR WEIGHT : ≥1,000 Da and ≤ 10,000 Da		
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown		
ADDITIONAL SUBSTANCES CONSIDERED: No		
POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.		
ADDITIONAL NOTES: The binder used in engineered quartz stone is typically an unsaturated polyester resin (UPR), which is a thermosetting polymer. During manufacturing the resin is chemically cross-linked and cured, forming a permanent three-dimensional network that cannot be remelted or reshaped by heat.		

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-16 8:30:44
%: 0.4530 - 0.4530	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	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	IARC	Group 2b - Possibly carcinogenic to humans
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemical Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern)
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPiI)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPiI)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Cosmetics & Personal Care Products
SUBSTANCE NOTES:		

TRIMETHOXYSILYLPROPYL METHACRYLATE

ID: 2530-85-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-16 8:30:45
%: 0.1270 - 0.1270	GreenScreen: LT-UNK	RC: None
		NANO: No
		SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

TERT-BUTYL PEROXYBENZOATE

ID: 614-45-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-16 8:30:46
%: 0.0900 - 0.0900	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
EYE	GHS - New Zealand	Eye irritation category 2
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1

MAM	GHS - Japan	H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
PHY	GHS - New Zealand	Organic peroxide type C
PHY	GHS - Japan	H242 - Heating may cause a fire [Organic peroxides - Type C]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				HAZARD SCREENING DATE: 2026-09-16 8:30:44	
%: 0.0330 - 0.0330		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	
RESTRICTED LIST		Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List	
				Bisphenols and Phthalates	
SUBSTANCE NOTES: Pigment - Glitter Chrome Silver, composition: 94,75% CAS 25038-59-9 / 4,75% CAS 67924-34-9 / 0,5% CAS 7429-90-5					

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-16 8:30:44		
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		
EYE	GHS - New Zealand	Eye irritation category 2		
CAN	GHS - New Zealand	Carcinogenicity category 2		
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
CAN	GHS - Malaysia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
MAM	GHS - Malaysia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]		
PHY	GHS - Japan	H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]		
PHY	GHS - Malaysia	H251 - Self-heating: may catch fire [Self-heating chemicals category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Pigment - Printex 300 (Carbon Black)				

FERROSOFERRIC OXIDE

ID: 1317-61-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-16 8:30:45			
%: 0.0220 - 0.0220		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

SUBSTANCE NOTES: Pigment - Bayferrox 316 (černí)

CHROMIUM IRON OXIDE

ID: 12737-27-8

HAZARD DATA SOURCE: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2026-09-16 8:30:46

% 0.0150 - 0.0150		GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
SKI		MAK		Sensitizing Substance Sh - Danger of skin sensitization	
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products	
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products	

2-NAPHTHALENECARBOXAMIDE, N,N'-(2,5-DICHLORO-1,4-PHENYLENE)BIS(4-{2-(2,5-DICHLOROPHENYL)DIAZENYL}-3-HYDROXY-

ID: 40618-31-3

HAZARD DATA SOURCE: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2026-09-16 8:30:47

0.0060 - 0.0060		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: Pigment - Versálová červená BRN					

COBALT BIS(2-ETHYLHEXANOATE)

ID: 136-52-7

HAZARD DATA SOURCE: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2026-09-16 8:30:45

%: 0.0040 - 0.0040	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 - Japan		H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 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]	
CAN	GHS - Japan		H350 - May cause cancer [Carcinogenicity - Category 1B]	
EYE	GHS - Australia		H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]	
MAM	GHS - Australia		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]	
AQU	GHS - Japan		H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - 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]	
AQU	GHS - Japan		H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]	
GEN	GHS - Korea		H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]	
EYE	GHS - Japan		H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]	

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 (C2CPiI)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPiI)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products
SUBSTANCE NOTES:		

BIS(TERT-BUTYL BENZOXAZOLYL) THIOPHENE

ID: 7128-64-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 8:30:46		
%: 0.0030 - 0.0030	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Brightener	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
PBT	ChemSec - SIN List		PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Additives - optical brightener					

XYLENES

ID: 1330-20-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 8:30:47		
GreenScreen: BM-1		RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
REP	GHS - Japan		H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
SKI	GHS - New Zealand		Skin irritation category 2		
EYE	GHS - New Zealand		Eye irritation category 2		
SKI	GHS - Australia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
SKI	GHS - Japan		H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]		
REP	GHS - New Zealand		Reproductive toxicity category 2		
EYE	GHS - Korea		H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]		
SKI	GHS - Korea		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
MAM	GHS - Korea		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - Repeated exposure - Category 1]		
AQU	GHS - Japan		H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]		
AQU	GHS - Japan		H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]		
SKI	GHS - Malaysia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
MAM	GHS - Australia		H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Optical brighteners stabilizer; EFKA PU 4063, composition: Xylene 1330-20-720 aZ <50 % / n-Butyl acetate 123-86-410 aZ <15 % / 1-Methoxy-2-propyl acetate (PMA)108-65-610 aZ <15 % / Ethylbenzene 100-41-4<10 % / 1H-imidazole-1-propylamine 5036-48-60,1 aZ <0,2 % / Toluene 108-88-3<0,2 %					

CINQUASIA RED

ID: 1047-16-1

% 0.0020 - 0.0020		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	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)			C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025	
				Cosmetics and Personal Care Products	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)			C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026	
				Cosmetics & Personal Care Products	
SUBSTANCE NOTES: Pigment - Cinquasia Red K 4104 (červen)					

FERROSOFERRIC OXIDE

ID: **1317-61-9**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 8:30:48			
%: 0.0020 - 0.0020			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: Pigment - Bayferrox 318 M (čern)						

PHENOL, 4-(1,1-DIMETHYLETHYL)-, POLYMER WITH 2-(CHLOROMETHYL)OXIRANE AND 4,4'-(1-METHYLETHYLIDENE)BIS[PHENOL]

ID: **67924-34-9**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				HAZARD SCREENING DATE: 2026-09-16 8:30:45	
%: 0.0020 - 0.0020		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	
RESTRICTED LIST	Green Science Policy Institute (GSPI)			GSPI - Six Classes Precautionary List	
				Bisphenols and Phthalates	
SUBSTANCE NOTES: Pigment - Glitter Chrome Silver, composition: 94,75% CAS 25038-59-9 / 4,75% CAS 67924-34-9 / 0,5% CAS 7429-90-5					

FERRIC OXIDE

ID: **1309-37-1**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 8:30:46			
%: 0.0004 - 0.0004			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		
MAM		GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
MAM		GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION		
None found		No listings found on Additional Hazard Lists				
SUBSTANCE NOTES: Pigment - Bayferrox 686 (hněd)						

FERROSOFERRIC OXIDE

ID: **1317-61-9**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 8:30:47			
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% 0.0004 - 0.0004		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: Pigment - Bayferrox 610 (hněd)					

HYDRATED FERRIC OXIDE

ID: 20344-49-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 8:30:47		
⚠️ %: 0.0004 - 0.0004		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: Pigment - Bayferrox 3910 (žlut)					

FERRIC OXIDE

ID: 1309-37-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-16 8:30:48		
⚠️ %: 0.0004 - 0.0004		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	
MAM	GHS - Japan			H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
MAM	GHS - Japan			H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE			NOTIFICATION	
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Pigment - Bayferrox 180 M (červen)					

Section 3: 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		
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: Technistone COMPLIANCE URL: https://spot.ul.com/ COMPLIANCE NOTES: regular annual certification	ISSUE DATE: 2026-01-22	EXPIRY DATE: 2027-01-22	
VOC EMISSIONS	SCS Indoor Advantage Gold - Classroom & Office scenario		
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: Technistone COMPLIANCE URL: https://www.scsglobalservices.com/certified-green-products-guide COMPLIANCE NOTES: regular annual certification	ISSUE DATE: 2026-06-10	EXPIRY DATE: 2026-06-10	
MANAGEMENT			ISO 9001:2015 Quality management systems
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: TÜV SÜD COMPLIANCE DETAILS: COMPLIANCE SCOPE: Facility APPLICABLE FACILITIES: Technistone COMPLIANCE URL: https://technistonecom.sharepoint.com/sites/webpublic/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2Fwebpublic%2FShared%20Documents%2FP%C5%99%C3%ADlohy%2FProfessionals%2FProfessionals%2FCertificates%2FCertificates%2FISO%209001%2C%20ISO%2014001&p=true&ga=1 COMPLIANCE NOTES: regular certification since 2006			ISSUE DATE: 2024-03-05 EXPIRY DATE: 2027-03-05
MANAGEMENT			ISO 14001:2015 - Environmental management systems
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: TÜV SÜD COMPLIANCE DETAILS: COMPLIANCE SCOPE: Facility APPLICABLE FACILITIES: Technistone COMPLIANCE URL: https://technistonecom.sharepoint.com/sites/webpublic/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2Fwebpublic%2FShared%20Documents%2FP%C5%99%C3%ADlohy%2FProfessionals%2FProfessionals%2FCertificates%2FCertificates%2FISO%209001%2C%20ISO%2014001&p=true&ga=1 COMPLIANCE NOTES: regular certification since 2023			ISSUE DATE: 2023-10-03 EXPIRY DATE: 2026-10-03
MATERIAL INGREDIENTS	ANSI/NSF 51-2012 Food equipment materials		
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: NSF COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: Technistone COMPLIANCE URL: https://www.nsf.org/ COMPLIANCE NOTES: regular certification	ISSUE DATE: 2026-07-07	EXPIRY DATE: 2027-12-31	
LCA	Environmental Product Declaration (EPD) by SCS Global Services		
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product Line APPLICABLE FACILITIES: Technistone COMPLIANCE URL: https://www.scsglobalservices.com/certified-green-products-guide COMPLIANCE NOTES: new certification since 2025; declared unit = installed product wchich provides 1 m2 of surface	ISSUE DATE: 2025-09-26	EXPIRY DATE: 2030-09-26	
RECYCLED CONTENT	SCS Recycled Content Certification - Products		
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: Technistone COMPLIANCE URL: https://www.scsglobalservices.com/certified-green-products-guide COMPLIANCE NOTES: regular annual certification - 5 recycled raw materials	ISSUE DATE: 2025-10-09	EXPIRY DATE: 2026-10-09	

Section 4: Accessories

Section 5: General Notes

Technistone is a leading producer of engineered stone 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 engineered stone surface production in the Czech Republic and is best known for the production of high-performance, reliable, and hygienic engineered stone 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 51 standard as fully useful for direct food contact.

MANUFACTURER INFORMATION

MANUFACTURER: **Technistone, s.r.o.**

ADDRESS: **Bratří Štefanů 1070**
Hradec Králové, Královehradecký kraj 50003

COUNTRY: **Česko**

WEBSITE: **www.technistone.com**

CONTACT NAME: **Petra Dušková**

TITLE: **Head of Laboratory and Deputy Director of Quality, R&D**

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		
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 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.