

HPD UNIQUE IDENTIFIER: 29391

CLASSIFICATION: 12 36 00 Countertops

PRODUCT DESCRIPTION: Wilsonart Quartz is composed of natural quartz particles, reacted monomers and resins, and colorants, and are manufactured in the form of slabs in various thicknesses. In its finished form Wilsonart Quartz is an article, nontoxic and non-allergic to humans, and third party certified to have low emissions. Product classifications include: 06 61 19 Quartz Surfacing Fabrications, 10 21 13 Toilet Compartments, 09 75 00 Stone Facing, & 12 36 61.00 Furnishings.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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

QUARTZ SURFACES [**QUARTZ** BM-1 | CAN | | MUL | MAM | GEN
SILICIC ACID, POTASSIUM SALT LT-P1 | | MUL | SKI | MAM
CRISTOBALITE LT-1 | CAN | | MUL | MAM | GEN **FELDSPAR** LT-UNK |
MAM **GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)** LT-
UNK | **POLYESTER** NoGS **FELDSPAR** LT-UNK | MAM **CALCIUM OXIDE**
(PRIMARY CASRN IS 1305-78-8) BM-2 | SKI | | MAM | MUL | PHY | EYE |
DEV **SODIUM OXIDE** BM-2 | | MUL | PHY **TITANIUM DIOXIDE** LT-1 |
CAN | END | | MUL | MAM | DEV | AQU | EYE **STYRENE** BM-1 | END |
CAN | RES | MUL | REP | SKI | EYE | MAM | DEV | GEN | PHY | NEU | AQU
BIOTITE NoGS **MICA** LT-UNK | | MAM **TRIMETHOXYSILYLPROPYL**
METHACRYLATE LT-UNK | SKI | EYE | MUL | MAM **FERRIC OXIDE** BM-
1 | CAN | | MAM | EYE | SKI **FERROSFERRIC OXIDE** BM-1 | CAN |
CARBON BLACK BM-1 | CAN | EYE | | MUL | MAM **HYDRATED FERRIC**
OXIDE LT-UNK | **2-NAPHTHALENECARBOXAMIDE, N,N'-(2-CHLORO-**
1,4-PHENYLENE)BIS(4-(2-(2,5-DICHLOROPHENYL)DIAZENYL)-3-
HYDROXY- LT-UNK | | MUL **CHROMIUM IRON OXIDE** LT-P1 | SKI |
RES | **TERT-BUTYL PEROXYBENZOATE** LT-P1 | MUL | EYE | | SKI |
AQU | MAM | PHY **FERRIC OXIDE, YELLOW** LT-UNK | | MUL
MANGANESE (II) OXIDE LT-P1 | SKI | EYE | | MUL | MAM **FERRIC**
AMMONIUM FERROCYANIDE LT-UNK | | MUL **TERT-BUTYL**
PERISONANOATE LT-P1 | MUL | | EYE | AQU | SKI | PHY **SILICIC**
ACID, ALUMINUM SODIUM SALT, SULFURIZED LT-UNK | RES
MAGNESIUM OXIDE BM-3dg | CAN | | MUL | DEV | MAM | EYE
BIS(TERT-BUTYL BENZOAZOLYL) THIOPHENE BM-1 | PBT | | MUL
POLYETHYLENE TEREPHTHALATE (PET) LT-P1 | RES | | MUL
SILICON DIOXIDE BM-1 | CAN | | MAM | DEV | EYE **PIGMENT BLUE 15**
BM-3 | **CINQUASIA RED** LT-UNK | MUL **ACETYL ACETONE** LT-UNK |
EYE | MAM | | GEN | MUL | PHY | AQU | DEV **NICKEL RUTILE YELLOW**
LT-1 | CAN | RES | **HYDRODESULFURIZED HEAVY NAPHTHA** LT-1 |
CAN | PBT | MUL | GEN | MAM | **FERROUS OXIDE** LT-UNK | CAN | | PHY

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [GeologicalMaterial]

This HPD covers multiple suppliers of Quartz.

XYLENES BM-1 | END | MUL | REP | SKI | MAM | EYE | DEV | PHY | NEU |
CAN | AQU **ALUMINUM OXIDE** BM-2 | RES | | MAM | MUL | DEV
POTASSIUM OXIDE BM-2 **METHOXYISOPROPYL ACETATE** LT-UNK |
EYE | MUL | PHY | DEV | MAM **ISOBUTYL ACETATE** LT-UNK | PHY |
EYE | MUL | AQU | DEV | MAM | NEU **COBALT BIS(2-
ETHYLHEXANOATE)** LT-1 | RES | CAN | MUL | GEN | REP | EYE | | MAM
| SKI | AQU **C.I. PIGMENT BLACK 28** LT-UNK | **C.I. PIGMENT BLUE 36**
LT-1 | RES | CAN | GEN | | MUL **DICHRONIUM TRIOXIDE** BM-1 | SKI |
RES | | MAM | MUL **BUTYL ACETATE** LT-UNK | EYE | | MAM | MUL |
PHY | AQU | DEV | NEU **COBALT, 2-ETHYLHEXANOATE,
ISONONANOATE COMPLEXES** LT-P1 | CAN | REP | EYE | MAM | SKI |
RES **QUARTZ (SILICON DIOXIDE) NATURAL STONE**]

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

Material content migration: ANSI/NSF 51 Food equipment materials

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-07-14

PUBLISHED DATE: 2022-07-27

EXPIRY DATE: 2025-07-14

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

QUARTZ SURFACES

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: UL-E Greenguard testing is recertified annually. For current certificate see www.wilsonart.com

OTHER PRODUCT NOTES: Wilsonart Quartz is composed of natural quartz particles, reacted monomers and resins, and colorants, and are manufactured in the form of slabs in various thicknesses. In its finished form Wilsonart Quartz is an article, nontoxic and non-allergic to humans, and third party certified to have low emissions. Exposure to any of the ingredient inputs stated below does not occur in the finished, installed form of Wilsonart material. Wilsonart Quartz has earned UL Greenguard Gold certification as a low-emitting interior building product.

QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-07-14 13:07:48

?: 0.0000 - 93.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	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
	EC - CEPA DSL	Persistent
MUL	Québec CSST - WHMIS 1988	Class D2A - Very toxic material causing other toxic effects
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Structural component for some patterns of Quartz.

QUARTZ (SILICON DIOXIDE)

ID: **Geological Material**

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

%: **0.0000 - 91.0000** 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: Unknown at this time

COUNTRY OF ORIGIN: Czech Republic, Italy, Turkey, India, Brazil, Canada, Korea

RADIOACTIVE ELEMENTS: Unknown

POTENTIAL PRESENCE OF TOXIC METALS: Unknown

MATERIAL CONTENT NOTES: This material is used as a structural component.

This disclosure does not provide potential presence of radioactive elements which may be found in certain geological materials.
This disclosure does not provide potential presence of toxic metals which may be found in certain geological materials.

SILICIC ACID, POTASSIUM SALT

ID: 10006-28-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:49**

%: **0.0000 - 47.2000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
MAM	GHS - Australia	H335 - May cause respiratory irritation [Specific target organ toxicity - single exposure; Respiratory tract irritation - Category 3]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a structural component in Quartz.

NATURAL STONE

ID: Geological Material

HAZARD DATA SOURCE: **HPDC Special Conditions Policy**

%: **0.0000 - 36.5000** 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: Unknown at this time

COUNTRY OF ORIGIN: Czech Republic, Italy, Norway

RADIOACTIVE ELEMENTS: Unknown

POTENTIAL PRESENCE OF TOXIC METALS: Unknown

MATERIAL CONTENT NOTES: This material is used as a structural component.

This disclosure does not provide potential presence of radioactive elements which may be found in certain geological materials.
This disclosure does not provide potential presence of toxic metals which may be found in certain geological materials.

CRISTOBALITE

ID: 14464-46-1

%: **0.0000 - 34.0000**GreenScreen: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	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
	EC - CEPA DSL	Persistent
MUL	Québec CSST - WHMIS 1988	Class D2A - Very toxic material causing other toxic effects
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a structural component in some Quartz surfaces.

FELDSPARID: **68476-25-5**%: **0.0000 - 23.9000**GreenScreen: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: This substance is used as a structural component in Quartz		

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-14 13:07:50		
%: 0.0000 - 23.0000	GreenScreen: LT-UNK	RC: PostC	NANO: No	SUBSTANCE ROLE: Glass component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	EC - CEPA DSL	Persistent		
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION		
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern		

SUBSTANCE NOTES: Specific products contain the recycled substance.

POLYESTER

ID: 113669-95-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-14 13:07:50		
%: 7.0000 - 13.8000	GreenScreen: 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		
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES:

FELDSPAR

ID: 68476-25-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-14 13:07:51		
%: 0.0000 - 8.8000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1		
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: This substance is used as a structural component in some Quartz surfaces.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:52**

%: **0.0000 - 2.0000** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
	EC - CEPA DSL	Persistent
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	Québec CSST - WHMIS 1988	Class E - Corrosive materials
SKI	GHS - New Zealand	Skin corrosion category 1C
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
DEV	MAK	Pregnancy Risk Group C
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
MAM	GHS - Australia	H335 - May cause respiratory irritation [Specific target organ toxicity - single exposure; Respiratory tract irritation - Category 3]
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a structural component in some Quartz surfaces.

SODIUM OXIDE

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:52**

%: **0.0000 - 2.0000** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
PHY	Québec CSST - WHMIS 1988	Class E - Corrosive materials

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a structural component in some Quartz surfaces.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:51**

%: **0.0000 - 2.0000**
 GreenScreen: **LT-1**
 RC: **None**
 NANO: **No**
 SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	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]
	EC - CEPA DSL	Persistent
MUL	Québec CSST - WHMIS 1988	Class D2A - Very toxic material causing other toxic effects
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]
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
DEV	MAK	Pregnancy Risk Group C
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
AQU	GHS - Japan	H413 - May cause long lasting harmful effects to aquatic life [Hazardous to the aquatic environment (chronic) - Category 4]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2B]
MAM	GHS - Japan	H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern

SUBSTANCE NOTES: This substance is used as a pigment for some Quartz surfaces.

STYRENE

ID: 100-42-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:54**

%: **0.0000 - 0.3000**

GreenScreen: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
END	ChemSec - SIN List	Endocrine Disruption
CAN	CA EPA - Prop 65	Carcinogen
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CAN	IARC	Group 2a - Agent is probably Carcinogenic to humans
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CAN	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
END	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1A]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
DEV	EU - GHS (H-Statements) Annex 6 Table 3-1	H361d - Suspected of damaging the unborn child [Reproductive toxicity - 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]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
MAM	GHS - New Zealand	Acute oral toxicity category 4
MUL	Québec CSST - WHMIS 1988	Class D2A - Very toxic material causing other toxic effects
CAN	GHS - New Zealand	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]
GEN	GHS - Australia	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]

MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H332 - Harmful if inhaled [Acute toxicity (inhalation) - Category 4]
PHY	GHS - New Zealand	Flammable liquids category 3
PHY	GHS - Japan	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
PHY	GHS - Australia	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
MAM	GHS - Australia	H332 - Harmful if inhaled [Acute toxicity (inhalation) - Category 4]
MAM	GHS - New Zealand	Acute inhalation toxicity category 3
DEV	MAK	Pregnancy Risk Group C
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
NEU	G&L - Neurotoxic Chemicals	Neurotoxic
NEU	Boyes - Neurotoxicants	Neurotoxic
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
REP	GHS - New Zealand	Reproductive toxicity category 2
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2]
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 2
PHY	Québec CSST - WHMIS 1988	Class B2 - Flammable liquids
MAM	GHS - Japan	H332 - Harmful if inhaled [Acute toxicity (inhalation: vapor) - Category 4]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
PHY	GHS - Malaysia	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
MAM	GHS - Malaysia	H332 - Harmful if inhaled [Acute toxicity (inhalation) - Category 4]
SKI	GHS - Malaysia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MAM	GHS - Australia	H335 - May cause respiratory irritation [Specific target organ toxicity - single exposure; Respiratory tract irritation - Category 3]

NEU	GHS - Australia	H336 - May cause drowsiness or dizziness [Specific target organ toxicity - single exposure; Narcotic effects - Category 3]
MAM	GHS - Japan	H332 - Harmful if inhaled [Acute toxicity (inhalation: dust, mist) - Category 4]
GEN	GHS - New Zealand	Germ cell mutagenicity category 2
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
DEV	GHS - Australia	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]
REP	US NIH - Reproductive & Developmental Monographs	Clear Evidence of no Adverse Effects - Reproductive Toxicity
DEV	US NIH - Reproductive & Developmental Monographs	Insufficient Evidence for a Conclusion - Developmental Toxicity
EYE	GHS - Malaysia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance

SUBSTANCE NOTES: This substance is used as a dispersant in some Quartz surfaces.

BIOTITE

ID: 1302-27-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-14 13:07:53		
%: 0.0000 - 0.3000	GreenScreen: 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		
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

MICA

ID: 12001-26-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-14 13:07:54		
%: 0.0000 - 0.3000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
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	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

TRIMETHOXYSILYLPROPYL METHACRYLATE

ID: 2530-85-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:55**

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
MAM	GHS - New Zealand	Specific target organ toxicity - single exposure category 3 narcotic effects
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Watch List

SUBSTANCE NOTES: This substance is used as a coating in some Quartz surfaces.

FERRIC OXIDE

ID: 1309-37-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:55**

%: **0.0000 - 0.2000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
	EC - CEPA DSL	Persistent
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
MAM	GHS - Japan	H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
CAN	IARC	Group 3 - Agent is not classifiable as to its carcinogenicity to humans
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

FERROSOFERRIC OXIDE

ID: 1317-61-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:56**

%, **0.0000 - 0.1900** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
	EC - CEPA DSL	Persistent
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:56**

%, **0.0000 - 0.1300** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	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
EYE	GHS - New Zealand	Eye irritation category 2
	EC - CEPA DSL	Persistent
MUL	Québec CSST - WHMIS 1988	Class D2A - Very toxic material causing other toxic effects
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]
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
MAM	GHS - Australia	H373 - May cause damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 2]

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

HYDRATED FERRIC OXIDE

ID: 20344-49-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:57**

#: **0.0000 - 0.1200** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:57**

%: **0.0000 - 0.1200** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

CHROMIUM IRON OXIDE

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:57**

%: **0.0000 - 0.1200** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
	EC - CEPA DSL	Persistent
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Biological Nutrient Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Children's Products

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

TERT-BUTYL PEROXYBENZOATE

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:58**

%: **0.0000 - 0.1000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Catalyst**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
EYE	GHS - New Zealand	Eye irritation category 2
	EC - CEPA DSL	Persistent
SKI	GHS - Japan	H317 - May cause an allergic skin reaction [Skin sensitizer - Category 1]
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 - Japan	H227 - Combustible liquid [Flammable liquids - Category 4]
MAM	GHS - Japan	H332 - Harmful if inhaled [Acute toxicity (inhalation: dust, mist) - Category 4]
PHY	GHS - New Zealand	Organic peroxide type C
PHY	GHS - Japan	H242 - Heating may cause a fire [Organic peroxides - Type C]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Catalyst used in some Quartz patterns.

FERRIC OXIDE, YELLOW

ID: 51274-00-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-14 13:07:59		
#: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	EC - CEPA DSL	Persistent		
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)		
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

MANGANESE (II) OXIDE

ID: 1344-43-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:59**

%: **0.0000 - 0.1000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
	EC - CEPA DSL	Persistent
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 2
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Biological Nutrient Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Children's Products

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

FERRIC AMMONIUM FERROCYANIDE

ID: 25869-00-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:07:58**

%: **0.0000 - 0.1000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
MUL	EC - CEPA DSL	Inherently Toxic in the Environment (iTE)
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

TERT-BUTYL PERISONANOATE

ID: 13122-18-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:00**

%: **0.0000 - 0.0900** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Initiator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
	EC - CEPA DSL	Bioaccumulative
EYE	GHS - New Zealand	Serious eye damage category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
SKI	GHS - New Zealand	Skin corrosion category 1B
PHY	GHS - New Zealand	Organic peroxide type D
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as an initiator in some Quartz surfaces.

SILICIC ACID, ALUMINUM SODIUM SALT, SULFURIZED

ID: 101357-30-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:00**

%: **0.0000 - 0.0700** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Biological Nutrient Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Children's Products

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

MAGNESIUM OXIDE

ID: 1309-48-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:02**

%: **0.0000 - 0.0500** GreenScreen: **BM-3dg** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
	EC - CEPA DSL	Persistent
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
DEV	MAK	Pregnancy Risk Group C
MAM	GHS - Japan	H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern

SUBSTANCE NOTES: This substance is used as a structural component in some Quartz surfaces.

BIS(TERT-BUTYL BENZOAZOLYL) THIOPHENE

ID: 7128-64-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:01**

%: **0.0000 - 0.0500** GreenScreen: **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)
	EC - CEPA DSL	Persistent
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a brightener in some Quartz surfaces.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:02**

%: **0.0000 - 0.0500** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced
	EC - CEPA DSL	Persistent
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

SILICON DIOXIDE

ID: 7631-86-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-14 13:08:03

#: 0.0000 - 0.0400 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Dispersant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
	EC - CEPA DSL	Persistent
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 - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
DEV	MAK	Pregnancy Risk Group C
MAM	GHS - Japan	H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]
CAN	IARC	Group 3 - Agent is not classifiable as to its carcinogenicity to humans
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern

SUBSTANCE NOTES: This substance is used as a dispersant in some Quartz surfaces.

PIGMENT BLUE 15

ID: 147-14-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-14 13:08:03

%: 0.0000 - 0.0300 GreenScreen: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

CINQUASIA RED

ID: 1047-16-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:04**

%: 0.0000 - 0.0300 GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

ACETYL ACETONE

ID: 123-54-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:04**

%: 0.0000 - 0.0250 GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
MAM	GHS - Australia	H302 - Harmful if swallowed [Acute toxicity (oral) - Category 4]
	EC - CEPA DSL	Persistent
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H302 - Harmful if swallowed [Acute toxicity (oral) - Category 4]

PHY	GHS - New Zealand	Flammable liquids category 3
MAM	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: vapor) - Category 3]
AQU	GHS - Japan	H402 - Harmful to aquatic life [Hazardous to the aquatic environment (acute) - Category 3]
PHY	GHS - Japan	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
PHY	GHS - Australia	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
MAM	GHS - Australia	H312 - Harmful in contact with skin [Acute toxicity (dermal) - Category 4]
MAM	GHS - New Zealand	Acute inhalation toxicity category 3
DEV	MAK	Pregnancy Risk Group C
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2B]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 2
MAM	GHS - Japan	H302 - Harmful if swallowed [Acute Toxicity (oral) - Category 4]
AQU	GHS - Japan	H412 - Harmful to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 3]
MAM	GHS - Japan	H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]
MAM	GHS - Australia	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	GHS - New Zealand	Acute dermal toxicity category 3
MAM	GHS - New Zealand	Acute oral toxicity category 3
MAM	GHS - Japan	H331 - Toxic if inhaled [Acute toxicity (inhalation: dust, mist) - Category 3]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a dispersant in some Quartz surfaces.

NICKEL RUTILE YELLOW

ID: 8007-18-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:05**

#: 0.0000 - 0.0200

GreenScreen: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
	EC - CEPA DSL	Persistent
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Biological Nutrient Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Footwear, Apparel & Jewelry Products

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

HYDRODESULFURIZED HEAVY NAPHTHA

ID: 64742-82-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-07-14 13:08:06
%: 0.0000 - 0.0200	GreenScreen: LT-1
RC: None	NANO: No
SUBSTANCE ROLE: Catalyst	

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
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
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
GEN	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
GEN	EU - Annex VI CMRs	Mutagen - Category 1B
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
GEN	GHS - Australia	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H340 - May cause genetic defects [Germ cell mutagenicity - Category 1A or 1B]
	EC - CEPA DSL	Persistent
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
	EC - CEPA DSL	Bioaccumulative
MUL	EC - CEPA DSL	Inherently Toxic in the Environment (iTE)

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a catalyst in some Quartz surfaces.

FERROUS OXIDE

ID: 1345-25-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:06**

%: **0.0000 - 0.0200**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
	EC - CEPA DSL	Persistent
PHY	Québec CSST - WHMIS 1988	Class B4 - Flammable solids
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a structural component in some Quartz surfaces.

XYLENES

ID: 1330-20-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:05**

%: **0.0000 - 0.0200** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE	AGENCY AND LIST TITLES	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]
MAM	GHS - Korea	H312 - Harmful in contact with skin [Acute toxicity (dermal) - Category 4]
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 - New Zealand	Acute oral toxicity category 4
MUL	Québec CSST - WHMIS 1988	Class D2A - Very toxic material causing other toxic effects
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 - New Zealand	Acute dermal toxicity category 4
DEV	MAK	Pregnancy Risk Group D
MUL	Québec CSST - WHMIS 1988	Class D2B - Toxic material causing other toxic effects
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]

MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H312 - Harmful in contact with skin [Acute toxicity (dermal) - Category 4]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H332 - Harmful if inhaled [Acute toxicity (inhalation) - Category 4]
PHY	GHS - New Zealand	Flammable liquids category 3
PHY	GHS - Japan	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
PHY	GHS - Australia	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
MAM	GHS - Australia	H312 - Harmful in contact with skin [Acute toxicity (dermal) - Category 4]
MAM	GHS - Australia	H332 - Harmful if inhaled [Acute toxicity (inhalation) - Category 4]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
NEU	G&L - Neurotoxic Chemicals	Neurotoxic
NEU	Boyes - Neurotoxicants	Neurotoxic
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 2
CAN	IARC	Group 3 - Agent is not classifiable as to its carcinogenicity to humans
REP	GHS - New Zealand	Reproductive toxicity category 2
MAM	GHS - Japan	H312 - Harmful in contact with skin [Acute Toxicity (dermal) - Category 4]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2]
MAM	GHS - Korea	H332 - Harmful if inhaled [Acute toxicity (inhalation) - Category 4]
PHY	GHS - Korea	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
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]
NEU	GHS - Korea	H336 - May cause drowsiness or dizziness [Specific target organ toxicity - Single exposure - Category 3]
PHY	Québec CSST - WHMIS 1988	Class B2 - Flammable liquids
MAM	GHS - Japan	H332 - Harmful if inhaled [Acute toxicity (inhalation: vapor) - Category 4]
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]
PHY	GHS - Malaysia	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
MAM	GHS - Malaysia	H312 - Harmful in contact with skin [Acute toxicity (dermal) - Category 4]
MAM	GHS - Malaysia	H332 - Harmful if inhaled [Acute toxicity (inhalation) - Category 4]
SKI	GHS - Malaysia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MAM	GHS - Australia	H335 - May cause respiratory irritation [Specific target organ toxicity - single exposure; Respiratory tract irritation - Category 3]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a dispersant in some Quartz surfaces.

ALUMINUM OXIDE

ID: 1344-28-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:08**

%: **0.0000 - 0.0100** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
	EC - CEPA DSL	Persistent
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
DEV	MAK	Pregnancy Risk Group D
MAM	GHS - Japan	H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]
MUL	EC - CEPA DSL	Inherently Toxic in the Environment (iTE)
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Biological Nutrient Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Children's Products

SUBSTANCE NOTES: This substance is used as a structural component in some Quartz surfaces.

POTASSIUM OXIDE

ID: 12136-45-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-06 9:08:27**

#: **0.0000 - 0.0100** GreenScreen: **BM-2** 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

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a structural component in some Quartz surfaces.

METHOXYISOPROPYL ACETATE

ID: 108-65-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:07**

#: **0.0000 - 0.0100** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
PHY	Québec CSST - WHMIS 1988	Class B3 - Combustible liquids
PHY	GHS - New Zealand	Flammable liquids category 3
PHY	GHS - Japan	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
PHY	GHS - Australia	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
DEV	MAK	Pregnancy Risk Group C
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2B]
MAM	GHS - Japan	H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern

SUBSTANCE NOTES: This substance is used as a dispersant in some Quartz surfaces.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:08**

%: **0.0000 - 0.0100** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
EYE	GHS - New Zealand	Eye irritation category 2
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
AQU	GHS - Japan	H402 - Harmful to aquatic life [Hazardous to the aquatic environment (acute) - Category 3]
DEV	MAK	Pregnancy Risk Group C
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2B]
MAM	GHS - Japan	H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]
PHY	Québec CSST - WHMIS 1988	Class B2 - Flammable liquids
MAM	GHS - Japan	H332 - Harmful if inhaled [Acute toxicity (inhalation: vapor) - Category 4]
PHY	GHS - New Zealand	Flammable liquids category 2
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - Malaysia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
PHY	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
NEU	GHS - Australia	H336 - May cause drowsiness or dizziness [Specific target organ toxicity - single exposure; Narcotic effects - Category 3]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Half-Circle - Expected Low Concern

SUBSTANCE NOTES: This substance is used as a dispersant in some Quartz surfaces.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:09**

%: **0.0000 - 0.0100** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Catalyst**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
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 - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - 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]
	EC - CEPA DSL	Persistent
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]
SKI	GHS - Australia	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
SKI	GHS - Japan	H317 - May cause an allergic skin reaction [Skin Sensitization - Category 1A]
MUL	EC - CEPA DSL	Inherently Toxic in the Environment (iTE)
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]
SKI	GHS - Korea	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
RES	GHS - Australia	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1]
RES	GHS - Japan	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]

RES	GHS - Korea	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Biological Nutrient Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Children's Products

SUBSTANCE NOTES: This substance is used as a catalyst in some Quartz surfaces.

C.I. PIGMENT BLACK 28

ID: 68186-91-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-14 13:08:09		
%: 0.0000 - 0.0100	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
	EC - CEPA DSL	Persistent		
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

C.I. PIGMENT BLUE 36

ID: 68187-11-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-14 13:08:10		
%: 0.0000 - 0.0100	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted		
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man		
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization		
GEN	MAK	Germ Cell Mutagen 3a		
	EC - CEPA DSL	Persistent		
MUL	EC - CEPA DSL	Inherently Toxic to Humans (iTH)		

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Biological Nutrient Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Children's Products

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

DICHRONIUM TRIOXIDE

ID: 1308-38-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:10**

%: **0.0000 - 0.0100** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
RES	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced
	EC - CEPA DSL	Persistent
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
SKI	GHS - Japan	H317 - May cause an allergic skin reaction [Skin sensitizer - Category 1]
RES	GHS - Japan	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitizer - Category 1]
MUL	EC - CEPA DSL	Inherently Toxic in the Environment (iTE)

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Biological Nutrient Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2021 Children's Products

SUBSTANCE NOTES: This substance is used as a pigment in some Quartz surfaces.

BUTYL ACETATE

ID: 123-86-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:11**

%: 0.0000 - 0.0100

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dispersant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
	EC - CEPA DSL	Persistent
MAM	GHS - New Zealand	Acute inhalation toxicity category 4
MUL	German FEA - Substances Hazardous to Waters	Class 1 - Low Hazard to Waters
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
AQU	GHS - Japan	H402 - Harmful to aquatic life [Hazardous to the aquatic environment (acute) - Category 3]
PHY	GHS - Australia	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
DEV	MAK	Pregnancy Risk Group C
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2B]
MAM	GHS - Japan	H335 or H336 [Specific target organs/systemic toxicity following single exposure - Category 3]
PHY	Québec CSST - WHMIS 1988	Class B2 - Flammable liquids
PHY	GHS - Malaysia	H226 - Flammable liquid and vapour [Flammable liquids - Category 3]
NEU	EU - GHS (H-Statements) Annex 6 Table 3-1	H336 - May cause drowsiness or dizziness [Specific target organ toxicity - single exposure; Narcotic effects - Category 3]
PHY	GHS - New Zealand	Flammable liquids category 2
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]
NEU	GHS - Malaysia	H336 - May cause drowsiness or dizziness [Specific target organ toxicity - single exposure; Narcotic effects - Category 3]
NEU	GHS - Australia	H336 - May cause drowsiness or dizziness [Specific target organ toxicity - single exposure; Narcotic effects - Category 3]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is used as a dispersant in some Quartz surfaces.

COBALT, 2-ETHYLHEXANOATE, ISONONANOATE COMPLEXES

ID: **68478-57-9**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-14 13:08:11**

%: 0.0000 - 0.0070

GreenScreen: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Accelerator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 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]
SKI	GHS - Australia	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
RES	GHS - Australia	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Accelerator used in some Quartz patterns.

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	UL/GreenGuard Gold Certified	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2007-06-12	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Quartz	EXPIRY DATE:	GreenGuard
CERTIFICATE URL: https://wilsonart.app.box.com/v/GREENGUARDGoldCertificateQuart		
CERTIFICATION AND COMPLIANCE NOTES: 63845-420		

MATERIAL CONTENT MIGRATION	ANSI/NSF 51 Food equipment materials	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2015-06-25	CERTIFIER OR LAB: NSF
APPLICABLE FACILITIES: Quartz	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES:		

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.

ADHESIVE
MANUFACTURER (OR GENERIC): Wilsonart
HPD URL: No HPD Available
ACCESSORY TYPE: Adhesive
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Use a Wilsonart adhesive to fix Quartz to cabinets.

Section 5: General Notes

Wilsonart Quartz is composed of natural quartz particles, reacted monomers and resins, and colorants, and are manufactured in the form of slabs in various thicknesses. In its finished form Wilsonart Quartz is an article, nontoxic and non-allergic to humans, and third party certified to have low emissions. Product classifications include: 06 61 19 Quartz Surfacing Fabrications, 10 21 13 Toilet Compartments, 09 75 00 Stone Facing, & 12 36 61.00 Furnishings.

MANUFACTURER INFORMATION

MANUFACTURER: Wilsonart
ADDRESS: 2501 Wilson Drive
P.O. Box 6110
Temple Texas 76503-6110, USA
WEBSITE: <https://www.wilsonart.com>

CONTACT NAME: Richard Conde
TITLE: Wilsonart Technical Services
PHONE: 800-433-3222
EMAIL: smartline@wilsonart.com

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

