

**CLASSIFICATION:** 06 00 00 Wood, Plastics, and Composites; 07 42 00 Wall Panels; 09 70 00 Wall Finishes; 12 00 00 Furnishings

**PRODUCT DESCRIPTION:** Fitwall™ are large-format decorative and multifunctional panels of mineral origin that recreate textures and volumes of innovative and realistic designs, created by KRION SOLID SURFACE S.A. for application on wall, ceiling, furnishing or equipment cladding, interior and / or exterior. They allow visual continuity thanks to its variety of applications, both in commercial and residential environments, offering sustainable solutions durable and resistant, as well as simple installation and maintenance.

## Section 1: Summary

## Basic Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold Disclosed Per

- Material  
 Product

#### Threshold level

- 100 ppm  
 1,000 ppm  
 Per GHS SDS  
 Per OSHA MSDS  
 Other

#### Residuals/Impurities

- Considered  
 Partially Considered  
 Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes  No

All Substances Above the Threshold Indicated Are:

**Characterized**  Yes Ex/SC  Yes  No

% weight and role provided for all substances.

**Screened**  Yes Ex/SC  Yes  No

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

**Identified**  Yes Ex/SC  Yes  No

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

### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

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

**FITWALL™** [ **CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**  
**LT-UNK** **ALUMINA TRIHYDRATE** **BM-2** **UNDISCLOSED** **Not Screened**  
**METHYL METHACRYLATE** **LT-P1** | RES | PHY | SKI | END **STYRENE** **BM-1** |  
RES | CAN | END | SKI | EYE | DEL | MAM | MUL | REP **CALCIUM**  
**CARBONATE** **BM-3** **TITANIUM DIOXIDE** **LT-1** | CAN | END **IRON**  
**HYDROXIDE OXIDE YELLOW** **LT-UNK** **SILICIC ACID, ALUMINUM SODIUM**  
**SALT, SULFURIZED** **NoGS** **FERRIC OXIDE** **BM-1** | CAN **FUMED SILICA,**  
**CRYSTALLINE-FREE** **BM-1** | CAN **IRON OXIDE (IRON OXIDE BLACK)** **BM-1**  
| CAN ]

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

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

Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

This disclosure includes ingredients at the 1,000 ppm threshold. Exact ingredient percentages are withheld as Krion Solid Surface, S.A 's Intellectual Property.

### 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: VOC Emissions tested

Other: REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals Management: ISO 14001:2004 Environmental management systems Management: ISO 9001:2015 Quality management systems

#### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-03-24

PUBLISHED DATE: 2020-03-25

EXPIRY DATE: 2023-03-24



# Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

## FITWALL™

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Fitwall™ panels are a product of the combination of different high quality materials, among others: Natural mineral (provides technical and structural properties), mineral pigments (which provide a real and natural aesthetic appearance) and fiberglass (which acts as reinforcement providing tenacity and flexibility).

OTHER PRODUCT NOTES: -

### CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-24

#: 30.00 - 60.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

### ALUMINA TRIHYDRATE

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-24

#: 15.00 - 30.00

GS: BM-2

RC: None

NANO: No

ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

### UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-24

#: 10.00 - 20.00

GS: Not Screened

RC: None

NANO: No

ROLE: Unsaturated Polyester Resin Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: Unsaturated polyester resin mixture.

**METHYL METHACRYLATE**

ID: 80-62-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-24**%: **0.50 - 5.00**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Monomer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE

EU - GHS (H-Statements)

H317 - May cause an allergic skin reaction

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SKIN SENSITIZE

MAK

Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

**STYRENE**

ID: 100-42-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-24**%: **0.50 - 5.00**GS: **BM-1**RC: **None**NANO: **No**ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES:

## CALCIUM CARBONATE

ID: 471-34-1

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

HAZARD SCREENING DATE: **2020-03-24**

#: **0.00 - 15.00**

GS: **BM-3**

RC: **None**

NANO: **No**

ROLE: **Filler**

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

SUBSTANCE NOTES:

## TITANIUM DIOXIDE

ID: 13463-67-7

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

HAZARD SCREENING DATE: **2020-03-24**

#: **0.00 - 3.00**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES:

### IRON HYDROXIDE OXIDE YELLOW

ID: 20344-49-4

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

HAZARD SCREENING DATE: **2020-03-24**

#: **0.00 - 3.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Pigment**

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

SUBSTANCE NOTES:

### SILICIC ACID, ALUMINUM SODIUM SALT, SULFURIZED

ID: 101357-30-6

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

HAZARD SCREENING DATE: **2020-03-24**

#: **0.00 - 3.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Pigment**

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

SUBSTANCE NOTES:

### FERRIC OXIDE

ID: 1309-37-1

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

HAZARD SCREENING DATE: **2020-03-24**

#: **0.00 - 3.00**

GS: **BM-1**

RC: **None**

NANO: **No**

ROLE: **Pigment**

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

SUBSTANCE NOTES:

### FUMED SILICA, CRYSTALLINE-FREE

ID: 112945-52-5

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

HAZARD SCREENING DATE: **2020-03-24**

#: **0.00 - 2.00** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Additive (thickener)**

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

SUBSTANCE NOTES:

### IRON OXIDE (IRON OXIDE BLACK)

ID: 1317-61-9

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

HAZARD SCREENING DATE: **2020-03-24**

#: **0.00 - 3.00** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Pigment**

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

SUBSTANCE NOTES:

## 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

### VOC Emissions tested

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-03-15**

EXPIRY DATE:

CERTIFIER OR LAB: **Self-declared**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

### OTHER

### REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2020-03-17**

EXPIRY DATE:

CERTIFIER OR LAB: **SGS Group**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **FITWALL** composition complies with the European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

### MANAGEMENT

### ISO 14001:2004 Environmental management systems

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-09-17**

EXPIRY DATE: **2022-09-17**

CERTIFIER OR LAB: **SGS Group**

APPLICABLE FACILITIES: **Krion Solid Surface, S.A. Ctra. Villareal-Puebla de Arenoso (CV-20), km 1 12540 Vila-real (Castellón), SPAIN**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

### MANAGEMENT

### ISO 9001:2015 Quality management systems

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-08-20**

EXPIRY DATE: **2021-07-18**

CERTIFIER OR LAB: **SGS Group**

APPLICABLE FACILITIES: **Krion Solid Surface, S.A. Ctra. Villareal-Puebla de Arenoso (CV-20), km 1 12540 Vila-real (Castellón), SPAIN**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

### MANAGEMENT

### ISO 50001:2018 Energy management system

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2020-02-28**

EXPIRY DATE: **2023-02-28**

CERTIFIER OR LAB: **SGS Group**

APPLICABLE FACILITIES: **Krion Solid Surface, S.A. Ctra. Villareal-Puebla de Arenoso (CV-20), km 1 12540 Vila-real (Castellón), SPAIN**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:





*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.



## Section 5: General Notes

Fitwall™ is a large-format decorative panel, mostly mineral composition that recreates textures and volumes, providing great realism that is visible to the eye and touch, and a decorative finish to the spaces. It is a material with high aesthetic and functional features, which passes the most demanding international tests. Krion Solid Surface, S.A. not only has been working directly on people's health, also has been working on environment. Certifications like ISO 14001 or ISO 50001 certifications for its facilities, demonstrating its compromise with people and environment. In order to prevent workers who use Fitwall™, Krion Solid Surface, S.A strongly recommends consulting Fitwall™ MSDS to solve any question about safety and health. Krion Solid Surface, S.A. through Porcelanosa Grupo is Global Compact signatory entity from 2015. This Global Compact collects 10 Principles referred to Human Rights, Labor, Environment and Anti-corruption. This commitment is communicated to all the stakeholders and annually revised in order to inform about the progress in the implementation of the 10 Principles.



## MANUFACTURER INFORMATION

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MANUFACTURER: **KRION SOLID SURFACE, S.A.**  
 ADDRESS: **Ctra. Villarreal - Puebla de Arenoso (CV-20)**  
**Km. 1**  
**Vila-real Castellón 12540, Spain**  
 WEBSITE: <http://www.krion.com/en/>

CONTACT NAME: **Ricardo Álvarez**  
 TITLE: **Quality and Environment Manager**  
 PHONE: **+34 964 50 64 64**  
 EMAIL: **calidad@krion.com**

## KEY

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**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet  
**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Hazard Types

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

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

### Recycled Types

**PreC** Preconsumer (Post-Industrial)  
**PostC** Postconsumer  
**Both** Both Preconsumer and Postconsumer  
**Unk** Inclusion of recycled content is unknown  
**None** Does not include recycled content

### Other Terms

#### Inventory Methods:

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material  
**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product  
**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology  
**Third Party Verified** Verification by independent certifier approved by HPDC  
**Preparer** Third party preparer, if not self-prepared by manufacturer  
**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*