

HPD UNIQUE IDENTIFIER: 24930

CLASSIFICATION: 06 61 16 Solid Surfacing Fabrications

PRODUCT DESCRIPTION: Coverlux® is a new and innovative material developed by KRION SOLID SURFACE, S.A.U. These are composite sheets with exclusive designs that combine the aesthetics of natural stone with modern technology of resins and mineral fillers. In the front part has a surface coating that gives the material a high gloss, greater protection and exceptional characteristics. Coverlux® is a hygienic, inert, non-toxic material, easy to maintain, resistant to most chemical agents and that exhibits good fire resistance behavior. It offers a wide variety of transformation possibilities similar to wood, but maintaining the natural aesthetics of stone. It is suitable for a wide variety of interior, horizontal and / or vertical applications. Furniture and surface decoration are its main fields of application.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	All Substances Above the Threshold Indicated Are:
☐ Nested Materials Method	☐ 100 ppm	☒ Considered	Characterized ☐ Yes Ex/SC ☒ Yes ☐ No
☒ Basic Method	☒ 1,000 ppm	☐ Partially Considered	% weight and role provided for all substances.
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Considered	Screened ☐ Yes Ex/SC ☐ Yes ☒ No
☐ Material	☐ Other	Explanation(s) provided for Residuals/Impurities?	One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.
☒ Product		☒ Yes ☐ No	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
COVERLUX® [UNDISCLOSED Not Screened ALUMINUM
HYDROXIDE, DRIED BM-2 UNDISCLOSED LT-UNK | SKI
UNDISCLOSED LT-UNK UNDISCLOSED BM-1 | END | SKI | MUL | REP
TITANIUM DIOXIDE LT-1 | CAN | END HYDRATED FERRIC OXIDE LT-
UNK FERRIC OXIDE BM-1 | CAN FERROSOFERRIC OXIDE BM-1 |
CAN]

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

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.U.'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: GreenGuard - Indoor Air Quality Certified
VOC emissions: GreenGuard - Gold (previously Children & Schools)
Other: REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals
Other: BPA Free

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

☐ Yes
☒ No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-05-25

PUBLISHED DATE: 2021-05-28
EXPIRY DATE: 2023-05-25

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

COVERLUX®

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes
RESIDUALS AND IMPURITIES NOTES: Coverlux® is manufactured using mineral fillers and colorants encapsulated in resins and monomers. The polymerization of the polyester resin gives, as finished form, sheets nontoxic to humans. This results are verified by different certifications like Greenguard Gold or REACH Regulation. KRION SOLID SURFACE, S.A.U. only uses high purity raw materials in order to ensure the high-quality of its products and obtain the exclusive properties of Coverlux®.	
OTHER PRODUCT NOTES: -	

UNDISCLOSED				ID: Undisclosed		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened			
%: 40.0000 - 55.0000		GS: Not Screened		RC: None	NANO: No	SUBSTANCE ROLE: Monomer
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS		
Hazard Screening not performed						
SUBSTANCE NOTES: Unsaturated polyester resin are made with glycols, phthalic derived acids and reactive monomers to work as binders. In the finished product it is nontoxic for humans.						

ALUMINUM HYDROXIDE, DRIED				ID: 21645-51-2
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-05-25 15:00:08		
%: 30.0000 - 60.0000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

UNDISCLOSED				ID: Undisclosed
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-05-25 15:00:08		
%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Monomer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
SUBSTANCE NOTES: Acrylic resin mixture component.				

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-05-25 15:00:09

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES: Acrylic resin mixture component.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-05-25 15:00:09

%: 0.0000 - 1.0000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Monomer

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

SUBSTANCE NOTES: Acrylic resin mixture component.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-05-25 15:00:09

%: 0.0000 - 3.0000 GS: 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

SUBSTANCE NOTES: Titanium dioxide is a pigment present in several minerals. Due to the high stability, the final color of Coverlux® articles are stable and homogeneous. Inorganic pigments are essential for the aesthetic on final Coverlux® articles. In the final product, Coverlux® is a polyester based polymer without hazards for humans.

HYDRATED FERRIC OXIDE

ID: 20344-49-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-05-25 15:00:09				
%: 0.0000 - 3.0000		GS: LT-UNK		RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists				
SUBSTANCE NOTES:						

FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-05-25 15:00:10			
%: 0.0000 - 3.0000		GS: 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		
SUBSTANCE NOTES: This iron oxide is derived from natural mineral with an excellent purity. These oxides provide a uniform and satlbe full shade of colors. Inorganic pigments are essential for the aesthetic on final Coverlux® articles. In the final product, Coverlux® is an polyester based polymer without hazards for humans.					

FERROSOFERRIC OXIDE

ID: 1317-61-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-05-25 15:00:10			
%: 0.0000 - 3.0000		GS: 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		
SUBSTANCE NOTES: This iron oxide is derived from natural mineral with an excellent purity. These oxides provide a uniform and satlbe full shade of colors. Inorganic pigments are essential for the aesthetic on final Coverlux® articles. In the final product, Coverlux® is an polyester based polymer without hazards for humans.					

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		GreenGuard - Indoor Air Quality Certified	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-10-28	EXPIRY DATE: 2021-07-09	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: KRION SOLID SURFACE, S.A.			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			
VOC EMISSIONS		GreenGuard - Gold (previously Children & Schools)	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-10-28	EXPIRY DATE: 2021-07-09	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: KRION SOLID SURFACE, S.A.U.			
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: 2019-10-22	EXPIRY DATE:	CERTIFIER OR LAB: SGS
APPLICABLE FACILITIES: KRION SOLID SURFACE, S.A.U.			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			
OTHER		BPA Free	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-04-30	EXPIRY DATE:	CERTIFIER OR LAB: AIDIMME
APPLICABLE FACILITIES: KRION SOLID SURFACE, S.A.U.			
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
APPLICABLE FACILITIES: KRION SOLID SURFACE, S.A.U.			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			
MANAGEMENT		ISO 14001:2015 Environmental management systems	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-08-20	EXPIRY DATE: 2021-07-18	CERTIFIER OR LAB: SGS
APPLICABLE FACILITIES: KRION SOLID SURFACE, S.A.U.			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			
MANAGEMENT		ISO 50001:2018 Energy management systems	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-02-28	EXPIRY DATE: 2023-02-28	CERTIFIER OR LAB: SGS
APPLICABLE FACILITIES: KRION SOLID SURFACE, S.A.U.			
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.

COVERLUX® ADHESIVE

HPD URL: <https://hpdrepository.hpd-collaborative.org/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Coverlux® Adhesive can be used for creating inappreciable sections with Coverlux®. These adhesives must always be used in a well ventilated place, stored in a cool place and use any necessary protection (goggles, gloves, etc.). Before using it, read the "Use Instructions". Coverlux® Adhesive are formulated with the latest technology for the surfacing industry and offers excellent bonding. It has high resistance to water, scuffing and high temperatures and also possesses greater toughness and impact resistance than most other adhesives in the market. Fabricators will benefit from the environmental conformance properties of Coverlux® Adhesive as well. It is manufactured to the highest standard available and faces stringent quality control tests prior to sale and distribution, meeting the requirements for Low VOC emission limits (certified by Greenguard & Greenguard Gold) and having verified that comply with the european REACH Regulation, among others.

Section 5: General Notes

Coverlux® is a material designed for the decorative and functional coating of horizontal and vertical interior surfaces. These are composite sheets with exclusive designs that combine the aesthetics of natural stone with modern technology of resins and mineral fillers. KRION SOLID SURFACE, S.A.U. 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 Coverlux®, KRION SOLID SURFACE, S.A.U. strongly recommends consulting Coverlux® SDS 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

MANUFACTURER: KRION SOLID SURFACE S.A.U.	CONTACT NAME: Vicente Serrano Font
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The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types		
AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	
GreenScreen (GS)		
BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)	
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)	
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.	
BM-1 Benchmark 1 (avoid - chemical of high concern)		
BM-U Benchmark Unspecified (due to insufficient data)		
LT-P1 List Translator Possible 1 (Possible Benchmark-1)		
Recycled Types		
PreC Pre-consumer recycled content		
PostC Post-consumer recycled content		
UNK Inclusion of recycled content is unknown		
None Does not include recycled content		
Other Terms:		
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet		
Inventory Methods:		
Nested Method / Material Threshold Substances listed within each material per threshold indicated per material		
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product		
Basic Method / Product Threshold Substances listed individually per threshold indicated per product		
Nano Composed of nano scale particles or nanotechnology		
Third Party Verified Verification by independent certifier approved by HPDC		
Preparer Third party preparer, if not self-prepared by manufacturer		
Applicable facilities Manufacturing sites to which testing applies		

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

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

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

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

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