

CN Novalis High Density Core (HDC) Click with Underlayment

by Novalis

HPD UNIQUE IDENTIFIER: 44384838
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 09 65 00 Resilient Flooring
PRODUCT TYPE: Resilient Flooring
PRODUCT DESCRIPTION: Novalis CN High Performance Core (HPC) Click is a Rigid Core Click-and-Lock Vinyl Flooring Product that is manufactured in China and warranted for Light Commercial and Residential environments.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Basic Method	→ Completed	
Threshold Disclosed Per	Explanation(s) provided :	Characterized
→ Product	Yes	Provided weight and role.
Threshold Level		Screened
→ 100 ppm		Provided screening results using HPDC-approved methods.
		Identified
		Provided name and CAS RN or other identifier.

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
CN NOVALIS HIGH DENSITY CORE (HDC) CLICK WITH UNDERLAYMENT [CALCIUM CARBONATE BM-3 | EYE POLYVINYL CHLORIDE (POLYVINYL CHLORIDE) LT-P1 | CAN | MAM OCTADECANEIC ACID, 10-CHLORO-9-METHOXY, METHYL ESTER (OCTADECANEIC ACID, 10-CHLORO-9-METHOXY, METHYL ESTER (N1)) NoGS BIS(2-ETHYLHEXYL) TEREPHTHALATE (DIOCTYL TETRAHYDROPHthalate (DOTP/DEHT)) BM-3dg | POLYETHYLENE LT-UNK | CALCIUM STEARATE LT-UNK | CHLORINATED POLYETHYLENE (CPE) LT-UNK | ZINC STEARATE LT-UNK | AQU DAKRIL 4B (2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE) LT-UNK | EPOXIDIZED SOYBEAN OIL LT-P1 | AQU STYRENE, METHYL METHACRYLATE, BUTADIENE POLYMER LT-UNK | STEARIC ACID LT-P1 | END CARBON BLACK BM-1 | CAN | EYE | MAM | PHY PETROLEUM RESINS LT-UNK | ETHENE, HOMOPOLYMER, OXIDIZED (ETHENE, HOMOPOLYMER, OXIDIZED (OPE WAX)) LT-UNK | HIGH-IMPACT POLYSTYRENE (STYRENE-BUTADIENE COPOLYMERS) LT-UNK | EPOXY ACRYLATE NoGS WHITE MINERAL OIL LT-UNK | 1,1'-AZOBIS(FORMAMIDE) (DIAZENE-1,2-DICARBOXAMIDE (C,C'-AZODI(FORMAMIDE))) LT-UNK | PHY | RES 1,6-HEXANEDIOL DIACRYLATE (2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER) LT-P1 | SKI | MUL | EYE | AQU DIPROPYLENE GLYCOL DIACRYLATE (OXYBIS(METHYL-2,1-ETHANEDIYL) DIACRYLATE) LT-UNK | SKI | EYE TRIPROPYLENE GLYCOL DIACRYLATE (2-PROPENOIC ACID, (1-METHYL-1,2-ETHANEDIYL) BIS[OXY(METHYL-2,1-ETHANEDIYL)] ESTER) LT-P1 | SKI | MUL | EYE | AQU TRIMETHYLOLPROPANE TRIACRYLATE (TRIMETHYLOLPROPANE TRIACRYLATE/2-HYDROXYPROPYL ACRYLATE) LT-1 | SKI | MUL | CAN | REP | EYE | AQU 2-HYDROXYETHYL METHACRYLATE (2-PROPENOIC ACID, 2-METHYL-, 2-HYDROXYETHYL ESTER) LT-UNK | SKI | EYE POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-P1 | MUL | SKI | EYE BENZOYL ISOPROPANOL (1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-) LT-UNK | AQU 2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE (PHOSPHINE OXIDE, DIPHENYL(2,4,6-TRIMETHYLBENZOYL-) LT-1 | REP | MUL | PBT]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

SCREENING DATE: 2026-09-03
PUBLISHED DATE: 2026-09-03
EXPIRY DATE: 2029-09-03
PREPARER: Self-Prepared

Health Product Declaration v3.0
created via: HPDC Online Builder

Number of Greenscreen BM-4/BM3 contents ... 2
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1, LT-1
Nanomaterial ... No
INVENTORY AND SCREENING NOTES:
Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.

The ingredients listed in this HPD are based on MSDS and supplier data. Some materials may contain hazardous materials as especially adhesives and coatings contain additives which will react during the curing process. These cannot be found in the finished product. We are also testing our products and raw materials regularly for heavy metals, PFAS and phthalates via third party labs.

COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified
VOC emissions: RFCI FloorScore®
LCA: Environmental Product Declaration (EPD) by UL
Formaldehyde emissions: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.
Pre-checked for LEED v5 Human Health 1.

Section 2: Content in Descending Order of Quantity

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

CN NOVALIS HIGH DENSITY CORE (HDC) CLICK WITH UNDERLAYMENT

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
RESIDUALS AND IMPURITIES NOTES: No Residuals and Impurities are considered because they do not affect the performance of the product.	
OTHER PRODUCT NOTES:	

CALCIUM CARBONATEID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-03 6:43:08			
%: 56.4100 - 56.4100		GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
EYE	GHS - New Zealand		Eye irritation category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Core Layer					

POLYVINYL CHLORIDE (POLYVINYL CHLORIDE)ID: 9002-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				HAZARD SCREENING DATE: 2026-09-03 6:43:09	
%: 32.7900 - 32.7900		GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
CAN		MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
MAM		GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
MAM		GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST		Perkins+Will (P+W)		P&W - Precautionary List Precautionary list of substances recommended for avoidance	
RESTRICTED LIST		Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List Flame Retardants	

RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026
Red List substances to avoid in Living Building Challenge V4.0 projects		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPll)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025
Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern		
SUBSTANCE NOTES: Core & Wear Layer		

OCTADECANEOIC ACID, 10-CHLORO-9-METHOXY, METHYL ESTER (OCTADECANEOIC ACID, 10-CHLORO-9-METHOXY, METHYL ESTER (N1))

ID: 872803-71-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-03 6:43:09		
%: 3.1100 - 3.1100	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Core Layer				

BIS(2-ETHYLHEXYL) TEREPHTHALATE (DIOCTYL TETRAHYDROPHTHALATE (DOTP/DEHT))

ID: 6422-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-03 6:43:10		
%: 1.5500 - 1.5500	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List	
			Bisphenols and Phthalates	

POLYETHYLENE

ID: 9002-88-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-03 6:43:11		
%: 1.0100 - 1.0100		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Cushioning
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	

None found		No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
None found		No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Attached Acoustical Underlayment			

CALCIUM STEARATE

ID: 1592-23-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-03 6:43:11		
%: 0.9700 - 0.9700	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

CHLORINATED POLYETHYLENE (CPE)

ID: 63231-66-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-03 6:43:11		
%: 0.9500 - 0.9500	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Impact modifier
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026		
		Red List substances to avoid in Living Building Challenge V4.0 projects		
SUBSTANCE NOTES:				

ZINC STEARATE

ID: 557-05-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-03 6:43:12		
%: 0.8000 - 0.8000		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
AQU		GHS - New Zealand		Hazardous to the aquatic environment - acute category 1	
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CPll)		C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025	

RESTRICTED LIST

Cradle to Cradle Products Innovation Institute (C2CPll)

C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026

Children's Toy Products

SUBSTANCE NOTES:

DAKRIL 4B (2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE)

ID: 25852-37-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-03 6:43:12

%: 0.8000 - 0.8000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Processing regulator

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Acrylic Processing Aid

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-03 6:43:13

%: 0.6500 - 0.6500

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Plasticizer

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

AQU

GHS - New Zealand

Hazardous to the aquatic environment - chronic category 2

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Core Layer

STYRENE, METHYL METHACRYLATE, BUTADIENE POLYMER

ID: 25053-09-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-03 6:43:11

%: 0.6300 - 0.6300

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Impact modifier

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

STEARIC ACID

ID: 57-11-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-03 6:43:12

%			0.2400 - 0.2400		GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE			LIST NAME AND SOURCE			WARNINGS		
END			TEDX - Potential Endocrine Disruptors			Potential Endocrine Disruptor		
ADDITIONAL LISTINGS			LIST NAME AND SOURCE			NOTIFICATION		
None found			No listings found on Additional Hazard Lists					

SUBSTANCE NOTES: Internal Lubricant

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-03 6:43:12

%		0.1400 - 0.1400		GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE		LIST NAME AND SOURCE				WARNINGS	
CAN		US CDC - Occupational Carcinogens				Occupational Carcinogen	
CAN		MAK				Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
CAN		CA EPA - Prop 65				Carcinogen - specific to chemical form or exposure route	
CAN		IARC				Group 2b - Possibly carcinogenic to humans	
EYE		GHS - New Zealand				Eye irritation category 2	
CAN		GHS - New Zealand				Carcinogenicity category 2	
CAN		GHS - Japan				H351 - Suspected of causing cancer [Carcinogenicity - Category 2]	
MAM		GHS - Japan				H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
PHY		GHS - Japan				H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]	
ADDITIONAL LISTINGS		LIST NAME AND SOURCE				NOTIFICATION	
None found		No listings found on Additional Hazard Lists					

SUBSTANCE NOTES: Core Layer

PETROLEUM RESINS

ID: 64742-16-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-03 6:43:13

%: 0.1200 - 0.1200	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
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HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Underlayment Adhesive		

ETHENE, HOMOPOLYMER, OXIDIZED (ETHENE, HOMOPOLYMER, OXIDIZED (OPE WAX))

ID: 68441-17-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-03 6:43:14		
%: 0.0800 - 0.0800	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: External Lubricant				

HIGH-IMPACT POLYSTYRENE (STYRENE-BUTADIENE COPOLYMERS)

ID: 9003-55-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-03 6:43:13		
%: 0.0700 - 0.0700	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Underlayment Adhesive				

EPOXY ACRYLATE

ID: 38891-59-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-03 6:43:14		
%: 0.0630 - 0.0630	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		

SUBSTANCE NOTES:

WHITE MINERAL OIL

ID: 8042-47-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-03 6:43:15

%: 0.0500 - 0.0500

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Adhesive

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Underlayment Adhesive

1,1'-AZOBIS(FORMAMIDE) (DIAZENE-1,2-DICARBOXAMIDE (C,C'-AZODI(FORMAMIDE)))

ID: 123-77-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-03 6:43:16

%: 0.0500 - 0.0500

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Cushioning

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PHY	GHS - New Zealand	Flammable solids category 1
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable solids - Category 1]
RES	EU - SVHC List	Equivalent Concern - Candidate List: Respiratory sensitizing
RES	EU - SVHC List	Equivalent Concern - Prioritization List: Respiratory sensitizing

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Flame Retardants
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPll)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Restrictions Based on Hazard Endpoints and Risk (Silver)

SUBSTANCE NOTES: Attached Acoustical Underlayment

1,6-HEXANEDIOL DIACRYLATE (2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER)

ID: 13048-33-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-03 6:43:16

%: 0.0320 - 0.0320

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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]
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]
SKI	GHS - New Zealand	Skin sensitisation category 1
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]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found	No listings found on Additional Hazard Lists	

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIACRYLATE (OXYBIS(METHYL-2,1-ETHANEDIYL) DIACRYLATE)

ID: 57472-68-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-03 6:43:14		
%: 0.0210 - 0.0210		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
SKI		GHS - New Zealand		Skin irritation category 2	
EYE		GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION	
None found				No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:					

TRIPROPYLENE GLYCOL DIACRYLATE (2-PROPENOIC ACID, (1-METHYL-1,2-ETHANEDIYL) BIS[OXY(METHYL-2,1-ETHANEDIYL)] ESTER)

ID: 42978-66-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library				HAZARD SCREENING DATE: 2026-09-03 6:43:15
%: 0.0210 - 0.0210	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
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]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - 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]
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
AQU	GHS - Australia	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
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]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found	No listings found on Additional Hazard Lists	

SUBSTANCE NOTES:

TRIMETHYLOLPROPANE TRIACRYLATE
(TRIMETHYLOLPROPANE TRIACRYLATE/2-HYDROXYPROPYL ACRYLATE)

ID: 15625-89-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-03 6:43:16

%: 0.0210 - 0.0210	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters		
CAN	CA EPA - Prop 65	Carcinogen		
CAN	IARC	Group 2b - Possibly carcinogenic to humans		
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]		
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]		
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]		
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]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic 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]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Restrictions Based on Hazard Endpoints and Risk (Silver)

SUBSTANCE NOTES:

2-HYDROXYETHYL METHACRYLATE (2-PROPENOIC ACID, 2-METHYL-, 2-HYDROXYETHYL ESTER)

ID: 868-77-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-03 6:43:16

%: 0.0170 - 0.0170

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
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]
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]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products

POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 84170-74-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-03 6:43:17	
%: 0.0150 - 0.0150	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
SKI	GHS - New Zealand		Skin irritation category 2	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

BENZOYL ISOPROPANOL (1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-)

ID: 7473-98-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-03 6:43:15		
%: 0.0110 - 0.0110		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
AQU		GHS - New Zealand		Hazardous to the aquatic environment - acute category 1	
AQU		GHS - New Zealand		Hazardous to the aquatic environment - chronic category 1	
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION	
None found				No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:					

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE (PHOSPHINE OXIDE, DIPHENYL(2,4,6-TRIMETHYLBENZOYL)-)

ID: 75980-60-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-03 6:43:16	
%: 0.0110 - 0.0110	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
REP	EU - Annex VI CMRs		Reproductive Toxicity - Category 1B	

MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
PBT	ChemSec - SIN List	PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 2
REP	GHS - Australia	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]
REP	EU - SVHC List	Toxic to reproduction - Candidate list
REP	EU - SVHC List	Toxic to reproduction - Prioritized for listing
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Restrictions Based on Hazard Endpoints and Risk (Silver)
SUBSTANCE NOTES:		



Section 3: Compliance

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

VOC EMISSIONS	UL/GreenGuard Gold Certified	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2017-11-03	EXPIRY DATE: 2027-11-03
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product Line		
APPLICABLE FACILITIES: Decoria Mateirals (Jiangsu) Co., Ltd.		
COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/5ad1f0c355b0e82d946acaa9?page_type=Products%20Catalog		
COMPLIANCE NOTES:		
VOC EMISSIONS	RFCI FloorScore®	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2026-05-01	EXPIRY DATE: 2027-04-30
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product Line		
APPLICABLE FACILITIES: Decoria Materials (Jiangsu) Co., Ltd.		
COMPLIANCE URL: https://cdn.scscertified.com/products/cert_pdfs/Novalis_2026_SCS-FS-06121_s2.pdf		
COMPLIANCE NOTES:		
LCA	Environmental Product Declaration (EPD) by UL	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2026-05-21	EXPIRY DATE: 2031-05-20
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product Line		
APPLICABLE FACILITIES: Decoria Materials (Jiangsu) Co., Ltd.		
COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/6a101b36c106172db3693dea?page_type=Products%20Catalog		
COMPLIANCE NOTES:		
FORMALDEHYDE EMISSIONS	UL/GreenGuard Gold Certified	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2017-11-03	EXPIRY DATE: 2027-11-03
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Environment		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product Line		
APPLICABLE FACILITIES: Decoria Materials (Jiangsu) co., Ltd.		
COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/5ad1f0c355b0e82d946acaa9?page_type=Products%20Catalog		
COMPLIANCE NOTES:		
RECYCLED CONTENT	GreenCircle - Recycled Content	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2026-04-01	EXPIRY DATE: 2027-03-31
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: GreenCircle		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product		
APPLICABLE FACILITIES: Decoria Materials (Jiangsu) Co., Ltd.		
COMPLIANCE URL: https://greencircle-certified-database-uploads.s3.us-east-1.amazonaws.com/certificates/177462476310926-0141.pdf?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Content-Sha256=UNSIGNED-PAYLOAD&X-Amz-		

Section 4: Accessories

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

No accessories are required for this product.

Section 5: General Notes

Novalis CN High Density Core (HDC) Click Flooring is a Rigid Core Click-and-Lock Vinyl Flooring Product that includes an attached IXPE underlayment. CN HDC is manufactured in China and warranted for Light Commercial and Residential environments.



MANUFACTURER INFORMATION

MANUFACTURER: Novalis	WEBSITE: www.novalisinnovativeflooring.com
ADDRESS: 200 Munketa Dr	CONTACT NAME: Joost Luhmann
Dantu Industrial Zone	TITLE: Global Sustainability Manager
Dalton, GA 30721	PHONE: 706-222-4582
COUNTRY: United States	EMAIL: sustainability@novalis-intl.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		

PROGRAM PRECHECKS

WASHINGTON BUY CLEAN AND BUY FAIR

REQUIRED ALIGNMENT
ALIGNED
PRECHECK CRITERIA RESULTS
MANUFACTURING LOCATION (REQUIRED)
PASS
THE RECORD VALUE (YES) MEETS OR EXCEEDS THE REQUIRED (HAS MANUFACTURING LOCATION) EXPECTATION.

PERKINS&WILL'S TRANSPARENCY INITIATIVE

REQUIRED ALIGNMENT
NOT ALIGNED
PRECHECK CRITERIA RESULTS
CHARACTERIZED (REQUIRED)
PASS

THE RECORD VALUE (YES) MEETS OR EXCEEDS THE REQUIRED (YES) EXPECTATION.

IDENTIFIED (REQUIRED)

PASS

THE RECORD VALUE (YES) MEETS OR EXCEEDS THE REQUIRED (YES) EXPECTATION.

MINIMUM THRESHOLD (REQUIRED)

PASS

THE RECORD VALUE (PRODUCT - 100 PPM) MEETS OR EXCEEDS THE REQUIRED (PRODUCT - 100 PPM) EXPECTATION.

SCREENED (REQUIRED)

PASS

THE RECORD VALUE (YES) MEETS OR EXCEEDS THE REQUIRED (YES) EXPECTATION.

RESET

REQUIRED ALIGNMENT

ALIGNED

PREFERRED ALIGNMENT

ALIGNED

PRECHECK CRITERIA RESULTS

CHARACTERIZED (REQUIRED)

PASS

THE RECORD VALUE (YES) MEETS OR EXCEEDS THE REQUIRED (YES) EXPECTATION.

CHARACTERIZED (PREFERRED)

PASS

THE RECORD VALUE (YES) MEETS OR EXCEEDS THE PREFERRED (YES) EXPECTATION.

MINIMUM THRESHOLD (PREFERRED)

PASS

THE RECORD VALUE (PRODUCT - 100 PPM) MEETS OR EXCEEDS THE PREFERRED (PRODUCT - 100 PPM) EXPECTATION.

SCREENED (REQUIRED)

PASS

THE RECORD VALUE (YES) MEETS OR EXCEEDS THE REQUIRED (YES) EXPECTATION.

SCREENED (PREFERRED)

PASS

THE RECORD VALUE (YES) MEETS OR EXCEEDS THE PREFERRED (YES) EXPECTATION.

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

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

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

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

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