

HPD UNIQUE IDENTIFIER: 28519

CLASSIFICATION: 09 65 00 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

<p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold Level</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities</p> <p><input type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input checked="" type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i></p>
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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

CN NOVALIS HIGH DENSITY CORE (HDC) CLICK WITH UNDERLAYMENT | **CALCIUM CARBONATE** BM-3 | **POLYVINYL CHLORIDE (POLYVINYL CHLORIDE)** LT-P1 | **RES OCTADECANOIC ACID, 10-CHLORO-9-METHOXY, METHYL ESTER (OCTADECANOIC 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 | **DAKRIL 4B (2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE)** LT-UNK | **EPOXIDIZED SOYBEAN OIL** LT-P1 | **METHYLMETHACRYLATE-BUTADIENE-STYRENE CO POLYMER RESIN** Not Screened | **STEARIC ACID** LT-P1 | **END CARBON BLACK** BM-1 | **CAN PETROLEUM RESINS** LT-1 | **CAN ETHENE, HOMOPOLYMER, OXIDIZED (ETHENE, HOMOPOLYMER, OXIDIZED (OPE WAX))** LT-UNK | **HIGH-IMPACT POLYSTYRENE (STYRENE-BUTADIENE COPOLYMERS)** LT-UNK | **EPOXY ACRYLATE** Not Screened | **WHITE MINERAL OIL** LT-UNK | **1,1'-AZOBIS(FORMAMIDE) (DIAZENE-1,2-DICARBOXAMIDE (C,C'-AZODI(FORMAMIDE)))** LT-UNK | **RES 1,6-HEXANEDIOL DIACRYLATE (2-PROPENOIC ACID, 1,6-HEXANEDIYL ESTER)** LT-P1 | **SKI | MUL | EYE DIPROPYLENE GLYCOL DIACRYLATE (OXYBIS(METHYL-2,1-ETHANEDIYL) DIACRYLATE)** LT-UNK | **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-P1 | **SKI | CAN | RES | MUL | EYE 2-HYDROXYETHYL METHACRYLATE (2-PROPENOIC ACID, 2-METHYL-, 2-HYDROXYETHYL ESTER)** LT-UNK | **SKI | EYE POLY(OXY(METHYL-**

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:

A couple of substances have CAS numbers that are not in the HPDC database, but do appear in others.

1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-
PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- **LT-P1** |
MUL BENZOYL ISOPROPANOL (1-PROPANONE, 2-HYDROXY-2-
METHYL-1-PHENYL-) **LT-UNK** 2,4,6-TRIMETHYLBENZOYL
DIPHENYLPHOSPHINE OXIDE (PHOSPHINE OXIDE, DIPHENYL(2,4,6-
TRIMETHYLBENZOYL)-) **LT-P1** | MUL | REP]

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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-05-11

PUBLISHED DATE: 2022-05-11

EXPIRY DATE: 2025-05-11

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

CN NOVALIS HIGH DENSITY CORE (HDC) CLICK WITH UNDERLAYMENT

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: No Residuals and Impurities are considered because they do not affect the performance of the product.

OTHER PRODUCT NOTES:

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-11 14:43:33

#: 56.4100 - 56.4100 GS: BM-3 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: Core Layer

POLYVINYL CHLORIDE (POLYVINYL CHLORIDE)

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-11 14:43:33

#: 32.7900 - 32.7900 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RES AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Core & Wear Layer

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

ID: 872803-71-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-11 14:43:34

#: 3.1100 - 3.1100 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Plasticizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Core Layer

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

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-05-11 14:43:34		
#: 1.5500 - 1.5500	GS: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Wear Layer				

POLYETHYLENE ID: **9002-88-4**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-05-11 14:43:35		
#: 1.0100 - 1.0100	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Cushioning
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Attached Acoustical Underlayment				

CALCIUM STEARATE ID: **1592-23-0**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-05-11 14:43:35		
#: 0.9700 - 0.9700	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

CHLORINATED POLYETHYLENE (CPE) ID: **63231-66-3**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-05-11 14:43:35		
#: 0.9500 - 0.9500	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Impact modifier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

ZINC STEARATE ID: **557-05-1**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-05-11 14:43:36		
#: 0.8000 - 0.8000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

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

ID: 25852-37-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:36**

#: **0.8000 - 0.8000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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

SUBSTANCE NOTES: Acrylic Processing Aid

EPOXIDIZED SOYBEAN OIL

ID: 8013-07-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:37**

#: **0.6500 - 0.6500** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

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

SUBSTANCE NOTES: Core Layer

METHYLMETHACRYLATE-BUTADIENE-STYRENECO POLYMER RESIN

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

#: **0.6300 - 0.6300** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impact modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
		Hazard Screening not performed

SUBSTANCE NOTES: In other databases, the CAS number associated with methylmethacrylate-butadiene-styreneco polymer resin is 25053-09-3.

STEARIC ACID

ID: 57-11-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:37**

#: **0.2400 - 0.2400** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Internal Lubricant

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:38**

#: **0.1400 - 0.1400** GS: **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

SUBSTANCE NOTES: Core Layer

PETROLEUM RESINS

ID: 64742-16-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:38**
 %: **0.1200 - 0.1200** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	CA EPA - Prop 65	Carcinogen

SUBSTANCE NOTES: Underlayment Adhesive

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

ID: 68441-17-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:39**
 %: **0.0800 - 0.0800** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

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

SUBSTANCE NOTES: External Lubricant

HIGH-IMPACT POLYSTYRENE (STYRENE-BUTADIENE COPOLYMERS)

ID: 9003-55-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:39**
 %: **0.0700 - 0.0700** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

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

SUBSTANCE NOTES: Underlayment Adhesive

EPOXY ACRYLATE

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

#: 0.0630 - 0.0630 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Coating

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: In other databases, epoxy acrylate is associated with CAS Number 38891-59-1

WHITE MINERAL OIL

ID: 8042-47-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-11 14:43:40

#: 0.0500 - 0.0500 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Underlayment Adhesive

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

ID: 123-77-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-11 14:43:40

#: 0.0500 - 0.0500 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Cushioning

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

RES AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

RES EU - GHS (H-Statements) Annex 6 Table 3-1 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1]

SUBSTANCE NOTES: Attached Acoustical Underlayment

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

ID: 13048-33-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-05-11 14:43:41

#: 0.0320 - 0.0320 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Coating

HAZARD TYPE AGENCY AND LIST TITLES 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]

SKI EU - GHS (H-Statements) Annex 6 Table 3-1 H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]

EYE EU - GHS (H-Statements) Annex 6 Table 3-1 H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

SUBSTANCE NOTES:

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

ID: 57472-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:41**

#: **0.0210 - 0.0210** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority 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 SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:42**

#: **0.0210 - 0.0210** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	AGENCY AND LIST TITLES	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]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
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]

SUBSTANCE NOTES:

TRIMETHYLOLPROPANE TRIACRYLATE (TRIMETHYLOLPROPANE TRIACRYLATE/2-HYDROXYPROPYL ACRYLATE)

ID: 15625-89-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:42**

#: **0.0210 - 0.0210** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CAN	IARC	Group 2b - Possibly carcinogenic to humans
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

SUBSTANCE NOTES:

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

ID: 868-77-9

HAZARD TYPE	AGENCY AND LIST TITLES	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]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:43**

#: **0.0170 - 0.0170** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

SUBSTANCE NOTES:

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 TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-05-11 14:43:43**

#: **0.0150 - 0.0150** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

SUBSTANCE NOTES:

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

ID: 7473-98-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-05-11 14:43:44		
%: 0.0110 - 0.0110	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES:

2,4,6-TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE (PHOSPHINE OXIDE, DIPHENYL(2,4,6-TRIMETHYLBENZOYL)-) ID: **75980-60-8**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-05-11 14:43:44		
%: 0.0110 - 0.0110	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H361f - Suspected of damaging fertility [Reproductive toxicity - Category 2]		

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	RFCI FloorScore		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2022-05-	EXPIRY DATE: 2023-	CERTIFIER OR LAB: SCS Global
APPLICABLE FACILITIES: ?	01	04-30	
CERTIFICATE URL: https://www.scsglobalservices.com/certified-clients/certificates/29399			
CERTIFICATION AND COMPLIANCE NOTES:			

VOC EMISSIONS	UL/GreenGuard Gold Certified		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-11-	EXPIRY DATE: 2022-	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: ?	03	11-03	
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1f0c355b0e82d946acaa9?page_type=Products%20Catalog			
CERTIFICATION AND COMPLIANCE NOTES:			

LCA	Environmental Product Declaration (EPD) by UL		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-01-	EXPIRY DATE: 2025-	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: ?	01	01-01	
CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5e27585655b0e808b8beaf22?page_type=Products%20Catalog			
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.

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
ADDRESS: 200 Munketa Dr
 Dantu Industrial Zone
 Dalton GA 30721, US
WEBSITE: novalis-intl.com

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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.