

**CLASSIFICATION:** 06 53 13.00

**PRODUCT DESCRIPTION:** Novalis LVT is one of the most sustainable LVT in the market. Manufactured with the best in class processes and practices, Novalis' ISO14001 certified manufacturing facility is the winner of the 2014 Floor Covering Weekly GreenStep Asia Green Process award at Domotex Asia/China Floor. Novalis LVT is made with over 50% Calcium Carbonate (aka limestone, a globally abundant resource), virgin PVC resin or Novalis post-consumer reclaimed LVT to ensure the product contains the cleanest and only known ingredients. Novalis meets the most stringent indoor air quality and emission standards of the world and is USA FloorScore certified, France A+ certified, and Germany DiBT certified amongst others. Novalis peel-and-stick vinyl tiles is a inexpensive option for many consumers who want a easy do-it-yourself flooring product that are stylish and simple to install. Novalis uses only the best chemistry and virgin PVC resin to make our peel-and-stick vinyl tiles to ensure our products are safe and affordable.

## 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

*All substances screened using Priority Hazard Lists with results disclosed.*

## Identified

- ☐ Yes Ex/SC ☒ Yes ☐ No

*All substances disclosed by Name (Specific or Generic) and 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.

MATERIAL	SUBSTANCE	RESIDUAL OR IMPURITY
GREENSCREEN SCORE		HAZARD TYPE

NOVALIS P&S LVT | CALCIUM CARBONATE BM-3 POLYVINYL CHLORIDE (PVC) LT-P1 | RES BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3 PETROLEUM RESINS LT-1 | CAN STEARIC ACID LT-P1 | END 1-BUTENE, HOMOPOLYMER LT-UNK 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | EYE | MUL CARBON BLACK LT-1 | CAN SODIUM HYDROXIDE LT-P1 | SKI | PHY CALCIUM CHLORIDE, ANHYDROUS LT-P1 | EYE 2-(METHACRYLOYLOXY)ETHANOL LT-UNK | SKI | EYE TRIPROPYLENE GLYCOL DIACRYLATE LT-P1 | AQU | SKI | EYE | MUL TRIMETHYLOLPROPANE TRIACRYLATE LT-P1 | RES | CAN | SKI | EYE DIPROPYLENE GLYCOL DIACRYLATE LT-UNK ZINC SULFATE LT-P1 | AQU | EYE | MUL 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 ]

Number of Greenscreen BM-4/BM3 contents ... 2

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

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

None

## 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

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

☐ Yes

☒ No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2018-12-25**

PUBLISHED DATE: **2018-12-25**

EXPIRY DATE: **2022-06-25**



## 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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### NOVALIS P&S LVT

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No
RESIDUALS AND IMPURITIES NOTES: we do not consider the residuals/impurities because they do not affect the performance of the product	
OTHER PRODUCT NOTES: None	

### CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-12-25</b>		
%: <b>69.9000 - 69.9000</b>	GS: <b>BM-3</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>main content</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES: <b>main content</b>				

### POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-12-25</b>		
%: <b>22.0000 - 22.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>main content</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
SUBSTANCE NOTES: <b>main content</b>				

### BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-12-25</b>		
%: <b>6.5500 - 6.5500</b>	GS: <b>BM-3</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>plasticizer</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				

SUBSTANCE NOTES: plasticizer

PETROLEUM RESINS

ID: 64742-16-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-25

%: 0.8000 - 0.8000
GS: LT-1
RC: None
NANO: No
ROLE: Glue

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

SUBSTANCE NOTES: Glue

STEARIC ACID

ID: 57-11-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-25

%: 0.2400 - 0.2400
GS: LT-P1
RC: None
NANO: No
ROLE: stabilizer

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

SUBSTANCE NOTES: stabilizer

1-BUTENE, HOMOPOLYMER

ID: 9003-28-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-25

%: 0.2000 - 0.2000
GS: LT-UNK
RC: None
NANO: No
ROLE: Glue

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Glue

1,6-HEXANEDIOL DIACRYLATE

ID: 13048-33-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-12-25

%: 0.0900 - 0.0900
GS: LT-P1
RC: None
NANO: No
ROLE: UV coating

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
SUBSTANCE NOTES: UV coating		

CARBON BLACK		ID: 1333-86-4		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-12-25		
%: 0.0400 - 0.0400	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		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES: pigment				

SODIUM HYDROXIDE		ID: 1310-73-2		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-12-25		
%: 0.0400 - 0.0400	GS: LT-P1	RC: None	NANO: No	ROLE: stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		
PHYSICAL HAZARD (REACTIVE)	Korea - GHS	H290 - May be corrosive to metals		
SUBSTANCE NOTES: stabilizer				

CALCIUM CHLORIDE, ANHYDROUS		ID: 10043-52-4		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2018-12-25		
%: 0.0200 - 0.0200	GS: LT-P1	RC: None	NANO: No	ROLE: stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SUBSTANCE NOTES: <b>stabilizer</b>		

## 2-(METHACRYLOYLOXY)ETHANOL

ID: **868-77-9**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-12-25</b>		
%: <b>0.0200 - 0.0200</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>UV coating</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
SUBSTANCE NOTES: <b>UV coating</b>				

## TRIPROPYLENE GLYCOL DIACRYLATE

ID: **42978-66-5**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-12-25</b>		
%: <b>0.0200 - 0.0200</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>UV coating</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
SUBSTANCE NOTES: <b>UV coating</b>				

## TRIMETHYLOLPROPANE TRIACRYLATE

ID: **15625-89-5**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2018-12-25</b>		
?: <b>0.0200 - 0.0200</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>UV coating</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		

RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CANCER	IARC	Group 2B - Possibly carcinogenic to humans
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: **UV coating**

**DIPROPYLENE GLYCOL DIACRYLATE**

ID: **57472-68-1**

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

HAZARD SCREENING DATE: **2018-12-25**

#: **0.0200 - 0.0200**      GS: **LT-UNK**      RC: **None**      NANO: **No**      ROLE: **UV coating**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: **UV coating**

**ZINC SULFATE**

ID: **7733-02-0**

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

HAZARD SCREENING DATE: **2018-12-25**

#: **0.0100 - 0.0100**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: **stabilizer**

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

HAZARD SCREENING DATE: **2018-12-25**

#: **0.0100 - 0.0100**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **UV coating**

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

SUBSTANCE NOTES: **UV coating**



## 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: **2018-05-01**

EXPIRY DATE: **2019-04-30**

CERTIFIER OR LAB: **SCS Global Services**

APPLICABLE FACILITIES: **school classroom and private office parameters**

CERTIFICATE URL:

<https://www.scsglobalservices.com>

CERTIFICATION AND COMPLIANCE NOTES:

### VOC EMISSIONS

### UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-03-14**

EXPIRY DATE: **2019-11-03**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **school office public place and hospitals**

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.*

No accessories are required for this product.

## Section 5: General Notes

Novalis LVT is one of the most sustainable LVT in the market. Manufactured with the best in class processes and practices, Novalis' ISO14001 certified manufacturing facility is the winner of the 2014 Floor Covering Weekly GreenStep Asia Green Process award at Domotex Asia/China Floor. Novalis LVT is made with over 50% Calcium Carbonate (aka limestone, a globally abundant resource), virgin PVC resin or Novalis post-consumer reclaimed LVT to ensure the product contains the cleanest and only known ingredients. Novalis meets the most stringent indoor air quality and emission standards of the world and is USA FloorScore certified, France A+ certified, and Germany DiBT certified amongst others. Novalis peel-and-stick vinyl tiles is a inexpensive option for many consumers who want a easy do-it-yourself flooring product that are stylish and simple to install. Novalis uses only the best chemistry and virgin PVC resin to make our peel-and-stick vinyl tiles to ensure our products are safe and affordable.

The HPD Collaborative (HPDC) granted an extension of the expiry date on this HPD, from 2021-12-25 to 2022-06-25 under HPDC's temporary COVID-19 Supply Chain Exception. Please contact [support@hpd-c.org](mailto:support@hpd-c.org) for more information.



MANUFACTURER INFORMATION

MANUFACTURER: **Novalis**  
ADDRESS: **No. 63 Guangyuan Road ,Dantu Industrial Zone**  
**Zhenjiang Jiang Su 212131, China**  
WEBSITE: **http://www.novalis-intl.com**

CONTACT NAME: **Jane Chen**  
TITLE: **Product**  
PHONE: **18951286965**  
EMAIL: **jane.chen@novalis.cn**

KEY

**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 Benchmark 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.*