

Name Novalis NovaClic LVT



Product ID Novalis NovaClic LVT Classification 06 53 13.00 Wood, Plastics, and Composites (framing): Solid Plastic Decking

Website www.novalis-intl.com

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Description Novalis NovaClic 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 NovaClic 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.

Different from Novalis LVT or other standard LVT, Novalis' patented NovaClic mechanically locking system allows Novalis NovaClic LVT to be installed without any adhesive, thus eliminating the need for additional installation material as well as removing the health and safety worry associated using flooring adhesive. At the same time, this system allows simple removal of used LVT flooring so they can be easily reclaimed back and recycled into new Novalis LVT without the need to remove installation residues such as glue and concrete.

Release Date 2016-06-07 Self-declared
Expiry Date 2019-06-07 Second Party
HPD URL <https://builder.hpd-collaborative.org/uploads/files/hpds/394/696-20160607215702.pdf> Third Party

Certifier
Certificate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure

- Measured 100 ppm (ideal)
- Measured 1000 ppm
- Predicted by process chemistry
- As per MSDS (1,000 & 10,000 ppm)
- Not disclosed
- Other

Full Disclosure of Intentional Ingredients

Yes No

Full Disclosure of Known Hazards

Yes No

Disclosure Notes

no residual content

Contents in Descending Order of Quantity

CALCIUM CARBONATE , POLYVINYL CHLORIDE (PVC) , Undisclosed (chloro methoxy fat diethylene glycol dinitrate) , Bis(2-ethylhexyl) terephthalate , EPOXIDIZED SOYBEAN OIL , CALCIUM STEARATE , ZINC STEARATE , CARBON BLACK , Undisclosed (polyurethane acrylate) , 1,6-Hexanediol diacrylate , Dipropylene glycol diacrylate , 2-(METHACRYLOYLOXY)ETHANOL , Tripropylene glycol diacrylate , TRIMETHYLOLPROPANE TRIACRYLATE , 1-Propanone, 2-hydroxy-2-methyl-1-phenyl- , diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide , poly(oxy(methyl-1,2-ethanediyl)), alpha,alpha'-(2,2-dimethyl-1,3-propanediyl)bis(omega-((1-oxo-2-propen-1-yl)oxy)-

Hazards

- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory

Highest concern GreenScreen score - List Translator Benchmark 1

- Neurotoxicity
- Mammal
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

Total VOC Content

Material (g/L) N/A

Regulatory (g/L) N/A

Does the product contain exempt VOCs? N/A Yes No**Are there VOC-free tints available?** N/A Yes No**Notes**

Certifications + Compliance**VOC Emissions** DiBT/AgBB Ü Mark Certification (U Mark) -

Resilient Floor Coverings

FloorScore

VOC Content

N/A

Multi-attribute

FloorScore

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
CALCIUM CARBONATE	471-34-1	58.11 %	LT-U	N	N	filler
None found	No warnings found on HPD Priority lists					
confidential formula						
POLYVINYL CHLORIDE (PVC)	9002-86-2	29.9 %	LT-U	N	N	PVC,main content
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
confidential formula						
Undisclosed (chloro methoxy fat diethylene glycol dinitrate)	Unknown	7.46 %		N	N	plasticizer
Unknown	Not disclosed					
new environmental plasticizer						
Bis(2-ethylhexyl) terephthalate	6422-86-2	2.12 %	3	N	N	plasticizer
None found	No warnings found on HPD Priority lists					
EPOXIDIZED SOYBEAN OIL	8013-07-8	1.21 %	LT-U	N	N	Filler
None found	No warnings found on HPD Priority lists					
confidential formula						

CALCIUM STEARATE	1592-23-0	0.46 %	LT-U	N	N	Stabiliser
None found	No warnings found on HPD Priority lists					
confidential formula						
ZINC STEARATE	557-05-1	0.25 %	LT-U	N	N	Stabiliser
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
confidential formula						
CARBON BLACK	1333-86-4	0.16 %	LT-1	N	N	Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
confidential formula						
Undisclosed (polyurethane acrylate)	Unknown	0.1 %		N	N	PU coating
Unknown	Not disclosed					
no CAS #						
1,6-Hexanediol diacrylate	13048-33-4	0.05 %	LT-P1	N	N	PU coating
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
Dipropylene glycol diacrylate	57472-68-1	0.03 %	LT-P1	N	N	PU coating
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
2-(METHACRYLOYLOXY)ETHANOL	868-77-9	0.03 %	LT-U	N	N	PU coating
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
Tripropylene glycol diacrylate	42978-66-5	0.03 %	LT-P1	N	N	PU coating
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					

ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
TRIMETHYLOLPROPANE TRIACRYLATE						
	15625-89-5	0.03 %	LT-U	N	N	PU coating
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
1-Propanone, 2-hydroxy-2-methyl-1-phenyl-						
	7473-98-5	0.02 %	LT-U	N	N	PU coating
None found	No warnings found on HPD Priority lists					
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide						
	75980-60-8	0.02 %	LT-P1	N	N	PU coating
REPRODUCTIVE	EU H-Statements: H361f Suspected of damaging fertility					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
poly(oxy(methyl-1,2-ethanediyl)), alpha,alpha'-(2,2-dimethyl-1,3-propanediyl)bis(omega-((1-oxo-2-propen-1-yl)oxy)-						
	84170-74-1	0.02 %	LT-P1	N	N	PU coating
MULTIPLE	VwVwS: Class 2 Hazard to Waters					

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	DiBT/AgBB Ü Mark Certification (U Mark) - Resilient Floor Coverings			German DiBT Institute
	3rd party independent certification	2015-09-11	2020-04-14	https://publikationen.dibt.de/service/history/zulhistory.aspx?zulnr=Z-156.603-1543&zul=Z-156.603-1543&language=de
	All			

VOC Emissions	FloorScore			SCS Global Services for Resilient Floor Covering Institute (RFCI)
	3rd party independent certification	2016-06-01	2017-04-30	https://builder.hpd-collaborative.org/uploads/files/certifications/394/1465348991.pdf
	school classroom and private office parameters			
VOC Content	N/A			
Recycled Content	Not tested			
Multi-attribute	FloorScore			SCS Global Services for Resilient Floor Covering Institute (RFCI)
	3rd party independent certification	2016-06-01	2017-04-30	https://builder.hpd-collaborative.org/uploads/files/certifications/394/1465348991.pdf
	school classroom and private office parameters			

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	

NOTES

Chloro methoxy fat diethylene glycol dinitrate is a type of new environmental plasticizer, it has not been registered