Novalis Novaclic LVT by Novalis ®

CLASSIFICATION:

PRODUCT DESCRIPTION: 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 RECYCLE INTO NEW NOVALIS LVT WITHOUT THE NEED TO REMOVE INSTALLATION RESIDUES SUCH AS GLUE AND CONCRETE.

Health Product Declaration v2.0

created via: HPDC Online Builder

Section 1: Summary

CONTENT INVENTORY

Threshold per material • 100 ppm • 1,000 ppm • Per GHS SDS • Per OSHA MSDS • Other Based on the selected Content Inventory Threshold:

Characterized	Ο	0
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened Are all substances screened using Priority Hazard Lists with results disclosed?	O Yes	⊙ No
Identified Are all substances disclosed by Name (Specific or Generic) and Identifier?	⊙ Yes	O No

CONTENT IN DESCENDING ORDER OF QUANTITY

Residuals and

considered in

0 of 17 materials

See Section 2:

• see Section 5:

Material Notes

General Notes

impurities

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

CALCIUM CARBONATE [CALCIUM CARBONATE BM-3] POLYVINYL CHLORIDE (PVC) | POLYVINYL CHLORIDE (PVC) LT-UNK | RES | OCTADECANEOIC ACID [OCTADECANEOIC ACID UNK] BIS(2-ETHYLHEXYL) TEREPHTHALATE [BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3] EPOXIDIZED SOYBEAN OIL [EPOXIDIZED SOYBEAN OIL LT-UNK] CALCIUM STEARATE [CALCIUM STEARATE LT-UNK] ZINC STEARATE [ZINC STEARATE LT-UNK] CARBON BLACK [CARBON BLACK BM-1 | CAN] EPOXY RESIN [EPOXY RESIN UNK] 1,6-HEXANEDIOL DIACRYLATE [1,6-HEXANEDIOL DIACRYLATE LT-P1 | EYE | SKI | MUL] DIPROPYLENE GLYCOL DIACRYLATE [DIPROPYLENE GLYCOL DIACRYLATE LT-UNK] 2-(METHACRYLOYLOXY)ETHANOL [2-(METHACRYLOYLOXY)ETHANOL LT-UNK | EYE | SKI] TRIPROPYLENE GLYCOL DIACRYLATE [TRIPROPYLENE GLYCOL DIACRYLATE LT-P1 | EYE | SKI AQU | MUL] TRIMETHYLOLPROPANE TRIACRYLATE [TRIMETHYLOLPROPANE TRIACRYLATE LT-UNK | EYE | SKI | RES] 1-PROPANONE, 2-HYDROXY, 2-METHYL, 1-PHENYL [1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL- LT-UNK] DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE [DIPHENYL(2,4,6-TRIMETHYLBENZOYL)PHOSPHINE OXIDE LT-P1 | REP | MUL] POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA,ALPHA'-(2,2-DIMETHYL-1,3-PROPANEDIYL)BIS(OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- [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]

Contents highest concern GreenScreen Benchmark or List translator Score...... BM-1 Nanomaterial...... No

INVENTORY AND SCREENING NOTES:

As per the substances' CAS numbers, Octadecaneoic Acid and Epoxy Resin, are very new, GreenScreen Benchmark or LT scores have not been calculated yet. This is the reason why screening data is not available in the HPD Builder.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE VOC emissions: Floorscore VOC emissions: Dibt/AgBB Ü Mark Certification

See Section 3 for additional listings.

Self-Published* VERIFIER: SCREENING DATE: November 8, 2016 EXPIRY DATE*: November 8, 2019
 Third Party Verified VERIFICATION #: RELEASE DATE: November 8, 2016 * or within 3 months of significant change in product content *See HPDC website for details

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

Inve	CIUM CARBONATE ntory Threshold: 1000 ppm erial Notes:	%: 58.1100 - 58.1100 HPD Residuals Considered: No) URL: http://n	ovalis-intl.com/		
	CALCIUM CARBONATE				ID: 471-34-1	
	%: 100.0000 - 100.0000	GS: BM-3	RC: None	NAM	NO: NO	ROLE: Filler
	HAZARDS:			AGENCY(IES) WI	TH WARNINGS:	
None Found No warnings found on HPD Pri						
	SUBSTANCE NOTES:					
Inve		%: 29.9000 - 29.9000 HP Residuals Considered: No	-	'novalis-intl.com/		
	POLYVINYL CHLORIDE ((PVC)	(C) ID: 9002-86-2			
	%: 100.0000 - 100.0000	GS: LT-UNK	RC: None	NAN	NO: NO	ROLE: Main Content
Ι.	HAZARDS:			AGENCY(IES) WI	TH WARNINGS:	
	RESPIRATORY	AOEC - Asthmager	าร	ł	Asthmagen (Rs) - sens	itizer-induced
	SUBSTANCE NOTES:					
Inve	TADECANEOIC ACID ntory Threshold: 1000 ppm erial Notes:	%: 7.4600 - 7.4600 HPD U Residuals Considered: No	RL: http://nov	alis-intl.com/		
	OCTADECANEOIC ACID				ID: 872803-71-9	
	%: 100.0000 - 100.0000	GS: UNK	RC: None	NAN	NO: NO	ROLE: Plasticizer
	HAZARDS:	HAZARDS: AGENCY(IES) WITH WARNINGS:				
	None Found			No warnings found	d on HPD Priority lists	
1						

			ID: 0400.0		
BIS(2-ETHYLHEXYL) TEREPHTHALATE			ID: 6422-8	36-2	
6: 100.0000 - 100.0000	GS: BM-3	RC: None	NANO: NO	ROLE: Plasticizer	
HAZARDS: AGENCY(IES) WITH WARNINGS:					
None Found No warnings found on HPD Priority lists					
SUBSTANCE NOTES:					
DIZED SOYBEAN OIL bry Threshold: 1000 ppm al Notes:		HPD URL: http://novalis- d: No	intl.com/		
POXIDIZED SOYBEAN	OIL		ID: 8013-0)7-8	
6: 100.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Filler	
IAZARDS:		AG	AGENCY(IES) WITH WARNINGS:		
lone Found		No	warnings found on HPD Priorit	y lists	
UBSTANCE NOTES:					
UM STEARATE bry Threshold: 1000 ppm al Notes:		HPD URL: http://novalis-i d: No	intl.com/		
ALCIUM STEARATE			ID: 1592-2	23-0	
6: 100.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Stabiliser	
IAZARDS:		AG	ENCY(IES) WITH WARNINGS	5:	
lone Found		No	warnings found on HPD Priorit	y lists	
UBSTANCE NOTES:					

Material Notes: **ZINC STEARATE** ID: 557-05-1 GS: LT-UNK RC: None NANO: NO **ROLE: Stabiliser** %: 100.0000 - 100.0000 HAZARDS: AGENCY(IES) WITH WARNINGS: None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: CARBON BLACK %: 0.1600 - 0.1600 HPD URL: http://novalis-intl.com/ Inventory Threshold: 1000 ppm Residuals Considered: No Material Notes: CARBON BLACK ID: 1333-86-4 %: 100.0000 - 100.0000 GS: BM-1 RC: None NANO: NO **ROLE:** Pigment HAZARDS: AGENCY(IES) WITH WARNINGS: CANCER US CDC - Occupational Carcinogens Occupational Carcinogen CANCER CA EPA - Prop 65 Carcinogen (form-specific or based on limited exposure pathways) 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: **EPOXY RESIN** %: 0.1000 - 0.1000 HPD URL: http://novalis-intl.com/ Inventory Threshold: 1000 ppm Residuals Considered: No Material Notes: **EPOXY RESIN** ID: 38891-59-7 GS: UNK RC: None NANO: NO %: 100.0000 - 100.0000 ROLE: PU Coating HAZARDS: AGENCY(IES) WITH WARNINGS: None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: 1,6-HEXANEDIOL DIACRYLATE %: 0.0500 - 0.0500 HPD URL: http://novalis-intl.com/

Inventory Threshold: 1000 ppm Residuals Considered: No Material Notes:

%: 100.0000 - 100.0000 G	S: LT-P1 RC: None	NANO: NO	ROLE: Print film opacit
HAZARDS:	AGENCY(I	ES) WITH WARNINGS	3:
EYE IRRITATION	EU - R-phrases	R36 - Irritating to	o eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to	o skin
SKIN SENSITIZE	EU - R-phrases	R43 - May caus	e sensitization by skin contact
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes	skin irritation
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cau	se an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes	serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Wate	ers Class 2 - Hazard	d to Waters
SKIN SENSITIZE	МАК	Sensitizing Subs	stance Sh - Danger of skin
SUBSTANCE NOTES:			
ROPYLENE GLYCOL DIACRY ntory Threshold: 1000 ppm	LATE %: 0.0300 - 0.0300 HPD URL: http://noval Residuals Considered: No	lis-intl.com/	
ROPYLENE GLYCOL DIACRY	Residuals Considered: No	lis-intl.com/ ID: 57472	-68-1
ROPYLENE GLYCOL DIACRY ntory Threshold: 1000 ppm rial Notes: DIPROPYLENE GLYCOL DI/	Residuals Considered: No		-68-1 ROLE: PU coating
ROPYLENE GLYCOL DIACRY ntory Threshold: 1000 ppm rrial Notes: DIPROPYLENE GLYCOL DI/	Residuals Considered: No ACRYLATE SS: LT-UNK RC: None	ID: 57472	ROLE: PU coating
ROPYLENE GLYCOL DIACRY htory Threshold: 1000 ppm brial Notes: DIPROPYLENE GLYCOL DIACRY %: 100.0000 - 100.0000	Residuals Considered: No ACRYLATE SS: LT-UNK RC: None AGENCY(II	ID: 57472 NANO: NO	ROLE: PU coating
ROPYLENE GLYCOL DIACRY ntory Threshold: 1000 ppm erial Notes: DIPROPYLENE GLYCOL DI/ %: 100.0000 - 100.0000 G HAZARDS:	Residuals Considered: No ACRYLATE SS: LT-UNK RC: None AGENCY(II	ID: 57472 NANO: NO ES) WITH WARNINGS	ROLE: PU coating
ROPYLENE GLYCOL DIACRY ntory Threshold: 1000 ppm srial Notes: DIPROPYLENE GLYCOL DIACRY %: 100.0000 - 100.0000 G HAZARDS: None Found	Residuals Considered: No ACRYLATE SS: LT-UNK RC: None AGENCY(II	ID: 57472 NANO: NO ES) WITH WARNINGS	ROLE: PU coating
ROPYLENE GLYCOL DIACRY Intory Threshold: 1000 ppm arial Notes: DIPROPYLENE GLYCOL DI/ %: 100.0000 - 100.0000 G HAZARDS: None Found SUBSTANCE NOTES:	Residuals Considered: No ACRYLATE SS: LT-UNK RC: None AGENCY(II	ID: 57472 NANO: NO ES) WITH WARNINGS	ROLE: PU coating
ROPYLENE GLYCOL DIACRY ntory Threshold: 1000 ppm srial Notes: DIPROPYLENE GLYCOL DIACRY %: 100.0000 - 100.0000 G HAZARDS: None Found SUBSTANCE NOTES:	Residuals Considered: No ACRYLATE SS: LT-UNK RC: None AGENCY(II No warning OL %: 0.0300 - 0.0300 HPD URL: http://www.no	ID: 57472 NANO: NO ES) WITH WARNINGS	ROLE: PU coating
ROPYLENE GLYCOL DIACRY Intory Threshold: 1000 ppm Irial Notes: DIPROPYLENE GLYCOL DIACRY %: 100.0000 - 100.0000 G HAZARDS: None Found SUBSTANCE NOTES: ETHACRYLOYLOXY)ETHAN Intory Threshold: 1000 ppm	Residuals Considered: No ACRYLATE SS: LT-UNK RC: None AGENCY(II No warning OL %: 0.0300 - 0.0300 HPD URL: http://www.nov Residuals Considered: No	ID: 57472 NANO: NO ES) WITH WARNINGS	ROLE: PU coating S: ty lists
ROPYLENE GLYCOL DIACRY httory Threshold: 1000 ppm rial Notes: DIPROPYLENE GLYCOL DI/ %: 100.0000 - 100.0000 G HAZARDS: None Found SUBSTANCE NOTES: ETHACRYLOYLOXY)ETHAN http://texploylowylettics/ppm Trial Notes: 2-(METHACRYLOYLOXY)ET	Residuals Considered: No ACRYLATE SS: LT-UNK RC: None AGENCY(II No warning OL %: 0.0300 - 0.0300 HPD URL: http://www.nov Residuals Considered: No	ID: 57472 NANO: NO ES) WITH WARNINGS Is found on HPD Priorit	ROLE: PU coating S: ty lists

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	МАК	Sensitizing Substance Sh - Danger of skin sensitization
SUBSTANCE NOTES:		
TRIPROPYLENE GLYCOL DI Inventory Threshold: 1000 ppm Material Notes: TRIPROPYLENE GLYCO		novalis-intl.com/ ID: 42978-66-5
%: 100.0000 - 100.0000	GS: LT-P1 RC: None	NANO: NO ROLE: PU coating
HAZARDS:	AGENCY(IES	6) WITH WARNINGS:
HAZARDS: EYE IRRITATION	AGENCY(IES EU - R-phrases	6) WITH WARNINGS: R36 - Irritating to eyes
		·
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
EYE IRRITATION SKIN IRRITATION	EU - R-phrases EU - R-phrases	R36 - Irritating to eyes R38 - Irritating to skin
EYE IRRITATION SKIN IRRITATION SKIN SENSITIZE	EU - R-phrases EU - R-phrases EU - R-phrases	R36 - Irritating to eyes R38 - Irritating to skin R43 - May cause sensitization by skin contact
EYE IRRITATION SKIN IRRITATION SKIN SENSITIZE ACUTE AQUATIC	EU - R-phrases EU - R-phrases EU - R-phrases EU - R-phrases	R36 - Irritating to eyes R38 - Irritating to skin R43 - May cause sensitization by skin contact R51 - Toxic to Aquatic Organisms
EYE IRRITATION SKIN IRRITATION SKIN SENSITIZE ACUTE AQUATIC CHRON AQUATIC	EU - R-phrases EU - R-phrases EU - R-phrases EU - R-phrases EU - GHS (H-Statements)	R36 - Irritating to eyes R38 - Irritating to skin R43 - May cause sensitization by skin contact R51 - Toxic to Aquatic Organisms H411 - Toxic to aquatic life with long lasting effects
EYE IRRITATION SKIN IRRITATION SKIN SENSITIZE ACUTE AQUATIC CHRON AQUATIC SKIN IRRITATION	EU - R-phrases EU - R-phrases EU - R-phrases EU - R-phrases EU - GHS (H-Statements) EU - GHS (H-Statements)	R36 - Irritating to eyes R38 - Irritating to skin R43 - May cause sensitization by skin contact R51 - Toxic to Aquatic Organisms H411 - Toxic to aquatic life with long lasting effects H315 - Causes skin irritation
EYE IRRITATION SKIN IRRITATION SKIN SENSITIZE ACUTE AQUATIC CHRON AQUATIC SKIN IRRITATION SKIN IRRITATION	EU - R-phrases EU - R-phrases EU - R-phrases EU - R-phrases EU - GHS (H-Statements) EU - GHS (H-Statements) EU - GHS (H-Statements)	R36 - Irritating to eyes R38 - Irritating to skin R43 - May cause sensitization by skin contact R51 - Toxic to Aquatic Organisms H411 - Toxic to aquatic life with long lasting effects H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation
EYE IRRITATION SKIN IRRITATION SKIN SENSITIZE ACUTE AQUATIC CHRON AQUATIC SKIN IRRITATION SKIN IRRITATION EYE IRRITATION	EU - R-phrases EU - R-phrases EU - R-phrases EU - R-phrases EU - GHS (H-Statements) EU - GHS (H-Statements) EU - GHS (H-Statements) EU - GHS (H-Statements)	R36 - Irritating to eyes R38 - Irritating to skin R43 - May cause sensitization by skin contact R51 - Toxic to Aquatic Organisms H411 - Toxic to aquatic life with long lasting effects H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation

Inventory Threshold: 1000 ppm

TRIMETHYLOLPROPANE TRIACRYLATE %: 0.0300 - 0.0300 HPD URL: http://www.novalis-intl.com/ Residuals Considered: No

Material Notes:

%: 100.0000 - 100.0000 GS: LT-UNK RC: None					
%: 100.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: PU coating	
HAZARDS:			GENCY(IES) WITH WARNINGS:		
EYE IRRITATION	EU - R-phras	ses	R36 - Irritating to	o eyes	
SKIN IRRITATION	EU - R-phras	ses	R38 - Irritating to	o skin	
SKIN SENSITIZE	EU - R-phras	ses	R43 - May caus	e sensitization by skin contac	
RESPIRATORY	AOEC - Asth	nmagens	Asthmagen (Rs)	- sensitizer-induced	
RESPIRATORY	AOEC - Asth	nmagens	Asthmagen (Rr)	- irritant-induced	
SKIN IRRITATION	EU - GHS (H	H-Statements)	H315 - Causes	H315 - Causes skin irritation	
SKIN IRRITATION	EU - GHS (H	H-Statements)	H317 - May cau	se an allergic skin reaction	
EYE IRRITATION	EU - GHS (H	H-Statements)	H319 - Causes	serious eye irritation	
SKIN SENSITIZE	МАК		Sensitizing Subs	stance Sh - Danger of skin	
SUBSTANCE NOTES:					
COPANONE, 2-HYDROXY, ntory Threshold: 1000 ppm		YL %: 0.0200 - 0.0200 H Residuals Considered:	PD URL: http://www.novalis No	-intl.com/	
OPANONE, 2-HYDROXY, atory Threshold: 1000 ppm		Residuals Considered:	•		
OPANONE, 2-HYDROXY , itory Threshold: 1000 ppm rial Notes:	ROXY-2-METHYL-1-Pł	Residuals Considered:	No		
OPANONE, 2-HYDROXY, atory Threshold: 1000 ppm rial Notes: 1-PROPANONE, 2-HYDR	ROXY-2-METHYL-1-Pł	Residuals Considered: HENYL- RC: None	No ID: 7473-5	98-5 ROLE: PU coating	
OPANONE, 2-HYDROXY, ntory Threshold: 1000 ppm rial Notes: 1-PROPANONE, 2-HYDR %: 100.0000 - 100.0000	ROXY-2-METHYL-1-Pł	Residuals Considered: HENYL- RC: None AGE	No ID: 7473-5 NANO: NO	98-5 ROLE: PU coating	
OPANONE, 2-HYDROXY, ntory Threshold: 1000 ppm rial Notes: 1-PROPANONE, 2-HYDR %: 100.0000 - 100.0000 HAZARDS:	ROXY-2-METHYL-1-Pł	Residuals Considered: HENYL- RC: None AGE	No ID: 7473-9 NANO: NO NCY(IES) WITH WARNINGS	98-5 ROLE: PU coating	
OPANONE, 2-HYDROXY, ntory Threshold: 1000 ppm rial Notes: 1-PROPANONE, 2-HYDR %: 100.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES:	COXY-2-METHYL-1-PH GS: LT-UNK BENZOYL)PHOSPHIN	Residuals Considered: HENYL- RC: None AGE No v	No ID: 7473-9 NANO: NO NCY(IES) WITH WARNINGS varnings found on HPD Priorit 200 HPD URL: http://www.	P8-5 ROLE: PU coating S: ty lists	
OPANONE, 2-HYDROXY, tory Threshold: 1000 ppm rial Notes: 1-PROPANONE, 2-HYDR %: 100.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: IENYL(2,4,6-TRIMETHYLI tory Threshold: 1000 ppm	ROXY-2-METHYL-1-PH GS: LT-UNK BENZOYL)PHOSPHIN	Residuals Considered: HENYL- RC: None AGE No v	No ID: 7473-9 NANO: NO NCY(IES) WITH WARNINGS varnings found on HPD Priorit 200 HPD URL: http://www.	P8-5 ROLE: PU coating S: ty lists novalis-intl.com/	
OPANONE, 2-HYDROXY, tory Threshold: 1000 ppm rial Notes: 1-PROPANONE, 2-HYDR %: 100.0000 - 100.0000 HAZARDS: None Found SUBSTANCE NOTES: HENYL(2,4,6-TRIMETHYLI tory Threshold: 1000 ppm rial Notes:	ROXY-2-METHYL-1-PH GS: LT-UNK BENZOYL)PHOSPHIN	Residuals Considered: HENYL- RC: None AGE No v	No ID: 7473-9 NANO: NO NCY(IES) WITH WARNINGS varnings found on HPD Priorit 200 HPD URL: http://www.	P8-5 ROLE: PU coating S: ty lists novalis-intl.com/	

REPRODUCTIVE	EU - GHS (I	H-Statements)	H361f - Sus	spected of damaging fertility
MULTIPLE	German FE	s Class 2 - Hazard to Waters		
SUBSTANCE NOTES:				
DLY(OXY(METHYL-1,2-ETH OPANEDIYL)BIS(OMEGA- entory Threshold: 1000 ppm	((1-OXO-2-PROPEN-	ALPHA'-(2,2-DIMETHYL-1,3- 1-YL)OXY)-	%: 0.0200 - 0.0200 Residuals Col	HPD URL: http://www.novalis- intl.com/ nsidered: No
•				
terial Notes:	-ETHANEDIYL)), ALP	HA,ALPHA'-(2,2-DIMETHYL-1,3- PEN-1-YL)OXY)-	ID: 84	4170-74-1
terial Notes: POLY(OXY(METHYL-1,2	-ETHANEDIYL)), ALP		ID: 84 NANO: NO	4170-74-1 ROLE: PU coating
POLY(OXY(METHYL-1,2 PROPANEDIYL)BIS(OM	-ETHANEDIYL)), ALP EGA-((1-OXO-2-PROI	PEN-1-YL)OXY)- RC: None		ROLE: PU coating
terial Notes: POLY(OXY(METHYL-1,2 PROPANEDIYL)BIS(OM %: 100.0000 - 100.0000	-ETHANEDIYL)), ALP EGA-((1-OXO-2-PROI GS: LT-P1	PEN-1-YL)OXY)- RC: None	NANO: NO 6) WITH WARN	ROLE: PU 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

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Zhenjiang, Jiangsu Province, China CERTIFICATE URL: https://www.scsglobalservices.com/certified-green-productsguide?pd_pid=33963 CERTIFICATION AND COMPLIANCE NOTES: Floorscore is the most recognized indoor air quality (IAQ) standard for hard surface flooring materials, adhesives and

indoor air quality (IAQ) standard for hard surface flooring materials, adhesives and underlayments. Formaldehyde free Building-type scenario: schools, offices, public spaces, hospitals

VOC EMISSIONS

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Zhenjiang, Jiangsu Province, China CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: The German DIBt Institute in Berlin is a public agency for construction products. DIBt Institute used the AgBB approach for implementing an approval system for several construction products installed in regularly occupied interior spaces, based on documentation of low VOC emissions.

+ Section 4: Accessories

Floorscore

ISSUE	EXPIRY	CERTIFIER OR
DATE:	DATE: 2017-	LAB: SCS Global
2016-06-	04-30	
01		

Dibt/AgBB Ü Mark Certification

ISSUE	EXPIRY	CERTIFIER OR
DATE:	DATE: 2020-	LAB: German DiBT
2015-09-11	04-14	Institute

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.

MANUFACTURER INFORMATION

MANUFACTURER: Novalis

ADDRESS: No 63 Guangyuan Rd, Dantu Industrial Zone Zhenjiang, Jiangsu 212131, China Zhenjiang, Jiangsu 212131 China

WEBSITE: www.novalis-intl.com

CONTACT NAME: Jane Chen TITLE: Product Assistant 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 Classi cation and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation GLO Global warming MAM Mammalian/systemic/organ toxicity MUL Multiple hazards NEU Neurotoxicity OZO Ozone depletion PBT Persistent Bioaccumulative Toxic PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspeci ed (insu cient data to benchmark)

LT-P1 List Translator Possible Benchmark 1 **LT-1** List Translator Likely Benchmark 1 **LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

UNK Unknown (no data on List Translator Lists)

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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party) Independent Lab Manufacturer's self-declaration using results from an independent lab Second Party Verification by trade association or other interested party Third Party Verification by independent certifier 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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the nal product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." The product manufacturer and any applicable independent veri er are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.