

HPD UNIQUE IDENTIFIER: 23349

CLASSIFICATION: 07 46 33 Plastic Siding

PRODUCT DESCRIPTION: This HPD covers NovikShake® (RS8, RS, PS, HS, HR and SE) products with solid colors, NovikShake® (HS) product with blended colors, NovikStone® (FS and RR) all colors and TandoShake® Cape Cod Perfection with solid colors. These products are ranges of polypropylene siding imitating wood grain and stones.

Section 1: Summary Nested Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input 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 type="radio"/> 100 ppm</p> <p><input checked="" 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>Residuals/Impurities Considered in 4 of 4 Materials</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 checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</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

POLYPROPYLENE COPOLYMER [ETHYLENE-PROPYLENE COPOLYMER **LT-UNK**
UNDISCLOSED **LT-UNK** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-UNK** | **PBT**
UNDISCLOSED **BM-1** | **CAN** | **COLOR MASTER BATCH [UNDISCLOSED** **LT-UNK**
UNDISCLOSED **LT-1** | **CAN** | **END** **UNDISCLOSED** **BM-1** | **CAN** **UNDISCLOSED** **LT-P1**
| **SKI** **UNDISCLOSED** **BM-1** | **SKI** **UNDISCLOSED** **BM-1** | **CAN** **UNDISCLOSED** **LT-UNK**
UNDISCLOSED **BM-1** | **CAN** **UNDISCLOSED** **LT-1** | **RES** | **CAN** | **GEN** **UNDISCLOSED**
BM-3 **UNDISCLOSED** **BM-2** **UNDISCLOSED** **BM-3** **UNDISCLOSED** **LT-UNK**
UNDISCLOSED **LT-UNK** **UNDISCLOSED** **LT-1** | **RES** | **CAN** | **GEN** **UNDISCLOSED** **LT-**
UNK **UNDISCLOSED** **BM-1** **UNDISCLOSED** **NoGS** **UNDISCLOSED** **LT-1** | **RES** | **CAN** |
GEN **UNDISCLOSED** **LT-1** | **RES** | **AQU** | **CAN** | **GEN** | **REP** **UNDISCLOSED** **LT-UNK**
UNDISCLOSED **LT-P1** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-1** | **RES** | **CAN**
UNDISCLOSED **LT-1** | **RES** | **CAN** **UNDISCLOSED** **LT-UNK** | **STABILIZER UV/AO [**
UNDISCLOSED **BM-1** | **MUL** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-UNK**
UNDISCLOSED **NoGS** | **WATER-BASED PAINT #1 [UNDISCLOSED** **BM-4**
UNDISCLOSED **BM-1** | **CAN** **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-UNK**
UNDISCLOSED **LT-1** | **CAN** | **END**]

Number of Greenscreen BM-4/BM3 contents ... 3

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

INVENTORY AND SCREENING NOTES:

HPD has been built as a Nested Inventory Display. Derby's products have been screened at a 1,000 ppm level so that all intentional materials and known potential residuals that could have existed in raw materials, at that level, have been disclosed. Substances not identified are undisclosed because they are proprietary.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - N/A

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Vertima

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-01-04

PUBLISHED DATE: 2021-01-04

EXPIRY DATE: 2024-01-04

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

POLYPROPYLENE COPOLYMER

#: 90.0000 - 98.0000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Their are no known residuals or impurities in the material.

OTHER MATERIAL NOTES: Ranges in weight % are used to protect proprietary data.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **99.0000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: See Material notes

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.1500 - 1.0000** 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: This substance is undisclosed because it is proprietary.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.1000 - 1.0000** 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: This substance is undisclosed because it is proprietary.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

PBT EU - ESIS PBT Under PBT evaluation

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.1000 - 1.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Nucleating agent**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

CAN IARC Group 2b - Possibly carcinogenic to humans

CAN MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

COLOR MASTER BATCH%: **2.0000 - 6.0000**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: The material does not contain impurities.

OTHER MATERIAL NOTES: Coloring media that comes from different suppliers. Ranges in weight % are used to protect proprietary data and to express a variation in composition. The given composition covers the entire color range offered by Derby Building Products Inc. Substance below the declaration threshold are not reported in the HPD.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 28.5000 - 88.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 1.0000 - 70.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen		
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		
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 5.2000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]		
CAN	GHS - Australia	H350i - May cause cancer by inhalation		
SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 21.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
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%: 0.0000 - 36.5000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 41.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 10.5000	GS: LT-UNK	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: This substance is undisclosed because it is proprietary.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 41.0000	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	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route	
CAN	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 10.5000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
RES	AOEC - Asthmagens		Asthmagen (G) - generally accepted	
CAN	MAK		Carcinogen Group 2 - Considered to be carcinogenic for man	
RES	MAK		Sensitizing Substance Sah - Danger of airway & skin sensitization	
GEN	MAK		Germ Cell Mutagen 3a	
SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.				

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.0000 - 3.5000** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.0000 - 5.5000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.0000 - 15.5000** 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: This substance is undisclosed because it is proprietary.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.0000 - 36.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.0000 - 36.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.0000 - 26.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 31.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 36.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 10.5000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 36.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 20.5000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted		
AQU	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man		
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization		
GEN	MAK	Germ Cell Mutagen 3a		
REP	GHS - Australia	H360F - May damage fertility		

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 36.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 36.5000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-01-04		
%: 0.0000 - 36.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**

%: **0.0000 - 31.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**

%: **0.0000 - 5.5000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**

%: **0.0000 - 3.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

STABILIZER UV/AO

%: **0.1000 - 1.5000**

PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: The material does not contain impurities.

OTHER MATERIAL NOTES: Process, long-term thermal, and light stabilizer system. Ranges in weight % are used to protect proprietary data.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **20.0000 - 40.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antioxidant**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

MUL German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: Ranges in weight % are used to protect proprietary data. Chemical composition undisclosed since it is considered a trade secret.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **7.0000 - 15.0000** 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: Ranges in weight % are used to protect proprietary data. Chemical composition undisclosed since it is considered a trade secret.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.0000 - 60.0000** 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: Ranges in weight % are used to protect proprietary data and variation in composition. Chemical composition undisclosed since it is considered a trade secret. Coming from two suppliers who will use either option of light stabilizer.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **0.0000 - 60.0000** GS: **NoGS** 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: Ranges in weight % are used to protect proprietary data and variation in composition. Chemical composition undisclosed since it is considered a trade secret. Coming from two suppliers who will use either option of light stabilizer.

WATER-BASED PAINT #1%: **0.0000 - 4.0000**PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: The material does not contain residuals or impurities.

OTHER MATERIAL NOTES: Finishing. Ranges in weight % are used to protect proprietary data. Only substance above the threshold are reported.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **10.0000 - 56.0000** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Diluent**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**

#: **0.0000 - 17.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

CAN MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**

#: **0.0000 - 28.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**

#: **0.0000 - 17.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**

#: **0.0000 - 30.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

CAN US CDC - Occupational Carcinogens Occupational Carcinogen

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

CAN EU - GHS (H-Statements) H351 - Suspected of causing cancer

END TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

CAN MAK Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

CAN MAK Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: This substance is undisclosed because it is proprietary.

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	CDPH Standard Method V1.2 (Section 01350/CHPS) - N/A		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-10-26	EXPIRY DATE:	CERTIFIER OR LAB: n/a
APPLICABLE FACILITIES: all.			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Product for outdoor use.			

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.

FASTENERS	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:	
Please refer to Derby Building Products Inc. installation instructions for more information about recommended fasteners type.	

Section 5: General Notes

Novik products do not contain impurities. They are essentially made of polymers, mainly polypropylene. The other ingredients are well integrated into the polymer matrix and represent a low portion of the final product weight. Finally, Novik products have been screened at a 1,000 ppm level so that all potential residuals that could have existed in our products, at that level, have been disclosed.

MANUFACTURER INFORMATION

MANUFACTURER: Derby Building Products Inc.
ADDRESS: 160, des Grands-Lacs
 Saint-Augustin-de-Desmaures QC G3A 2K1, Canada
WEBSITE: www.novik.com

CONTACT NAME: Mathilde Loubier
TITLE: Formulations and Certifications Specialist
PHONE: 418-878-6161
EMAIL: mloubier@derbybp.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-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) | |
| 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) | NoGS No GreenScreen. |

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.