

HPD UNIQUE IDENTIFIER: 23346

CLASSIFICATION: 07 46 33 Plastic Siding

PRODUCT DESCRIPTION: This HPD covers NovikStone® Hand-Cut (HC) and Premium Hand-Cut (PHC) as well as NovikBrick® Hand Laid (HL) and Deco-Hand-Laid (DHL) products with blended colors, except NovikBrick DHL Pure White. NovikStone® and NovikBrick® by Derby Building Products Inc are product ranges of polypropylene siding imitating stone and bricks.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and All Substances Above the Threshold Indicated Are: (Characterized, Screened, Identified). Includes radio button options for various reporting methods and threshold levels.

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 [POLYPROPYLENE LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK] POLYPROPYLENE COPOLYMER + MINERAL FILLER [UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-1 | CAN | END] COLOR MASTER BATCH [UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | CAN | END UNDISCLOSED BM-3 UNDISCLOSED LT-1 | RES | AQU | CAN | GEN | REP UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | RES | CAN | GEN UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-1 | RES | CAN UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-1 | RES | CAN | GEN UNDISCLOSED BM-1 | SKI UNDISCLOSED LT-1 | RES | CAN UNDISCLOSED BM-1 UNDISCLOSED LT-1 | RES | CAN | GEN UNDISCLOSED LT-UNK PROPRIETARY_CMB_13 LT-1 | RES | CAN | GEN] WATER-BASED PAINT #1 [UNDISCLOSED BM-4 UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | CAN | END] STABILIZER UV/AO [UNDISCLOSED BM-1 | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED NoGS]

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

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

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

#: 45.0000 - 65.0000

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: Post consumer recycled PP. Ranges in weight % are used to protect proprietary data or to express a variation in composition due to different product models.

POLYPROPYLENE

ID: 9003-07-0

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

#: 80.0000 - 90.0000 GS: LT-UNK RC: PostC 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

UNDISCLOSED

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

#: 5.0000 - 15.0000 GS: LT-UNK RC: PostC 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 as it is proprietary.

UNDISCLOSED

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

#: 5.0000 - 10.0000 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: This substance is undisclosed as it is proprietary.

POLYPROPYLENE COPOLYMER + MINERAL FILLER #: 30.0000 - 45.0000

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

OTHER MATERIAL NOTES: Property-enhancing system. Ranges in weight % are used to protect proprietary data. Substance under the declaration threshold are not reported in the HPD.

UNDISCLOSED

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

%: **50.3000 - 50.5000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Abrasion resistance**

| 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.

UNDISCLOSED

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

%: **20.1000 - 40.3000** 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**

%: **5.0000 - 12.1000** 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 - 5.1000** 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

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|---|------------------------|--|-----------------|-----------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-01-04 | | |
| %: 0.2000 - 1.2000 | 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. | | | | |

UNDISCLOSED

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|---|---|--|-----------------|---|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-01-04 | | |
| %: 0.1000 - 0.8000 | GS: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Viscosity modifier |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters | | |
| SUBSTANCE NOTES: This substance is undisclosed because it is proprietary. | | | | |

UNDISCLOSED

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|---|---------------------------------------|--|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-01-04 | | |
| %: 0.1000 - 1.0000 | 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 | | |
| 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 | | |
| CAN | EU - GHS (H-Statements) | H351 - Suspected of causing cancer | | |
| 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: No residuals or impurities reported by the supplier. | | |
| OTHER MATERIAL NOTES: 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

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|---|------------------------|--|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-01-04 | | |
| %: 32.5000 - 62.5000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Carrier |
| 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

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|---|------------------------|--|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-01-04 | | |
| %: 16.0000 - 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. | | | | |

UNDISCLOSED

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|---|---------------------------------------|--|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-01-04 | | |
| %: 13.0000 - 56.5000 | 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

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|---|------------------------|--|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-01-04 | | |
| %: 10.5000 - 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**%: **10.5000 - 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.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **5.0000 - 26.0000** 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**%: **4.0000 - 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.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **3.0000 - 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.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **2.0000 - 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.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **2.0000 - 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.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04**%: **1.0000 - 10.5000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|----------|
| | | |

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

| 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 | | |
|---|------------------------|---|-----------------|--------------------------------|
| %: 1.0000 - 15.5000 | 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 | | |
|---|--------------------------------|---|-----------------|--------------------------------|
| %: 1.0000 - 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 | | |
|---|------------------------|--|-----------------|--------------------------------|
| %: 0.5000 - 40.0000 | 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 | | |
|---|--|--|--|--|
|---|--|--|--|--|

#: 0.5000 - 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**

#: 0.1000 - 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.

PROPRIETARY_CMB_13

ID: **Undisclosed**

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

#: 0.1000 - 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 |
| 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.

WATER-BASED PAINT #1

#: 0.1000 - 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.

UNDISCLOSED

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|---|------------------------|--|-----------------|--------------------------------|
| HAZARD 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

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|---|------------------------|--|-----------------|--------------------------------|
| 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

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|---|-----------------|--|-----------------|--------------------------------|
| 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.

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.

UNDISCLOSED

HAZARD 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.

UNDISCLOSED

HAZARD 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.

UNDISCLOSED

HAZARD 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.

UNDISCLOSED

HAZARD 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.

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-

EXPIRY DATE:

CERTIFIER OR LAB: n/a

APPLICABLE FACILITIES: all

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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.