

HPD UNIQUE IDENTIFIER: 25438

CLASSIFICATION: 27 10 00 Structured Cabling

PRODUCT DESCRIPTION: Copper Cable, Premium Cat 6, 4-Pair, 23 AWG, U/UTP, CMR

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

| | | | |
|--|--|---|--|
| Inventory Reporting Format | Threshold level | Residuals/Impurities | <i>All Substances Above the Threshold Indicated Are:</i> Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No % weight and role provided for all substances. Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No All substances screened using Priority Hazard Lists with results disclosed. Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance. |
| <input checked="" type="radio"/> Nested Materials Method | <input type="radio"/> 100 ppm | Residuals/Impurities | |
| <input type="radio"/> Basic Method | <input checked="" type="radio"/> 1,000 ppm | Considered in 10 of 10 Materials | |
| Threshold Disclosed Per | <input type="radio"/> Per GHS SDS | Explanation(s) provided for Residuals/Impurities? | |
| <input type="radio"/> Material | <input type="radio"/> Other | <input checked="" type="radio"/> Yes <input type="radio"/> No | |
| <input checked="" type="radio"/> Product | | | |

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

COPPER CONDUCTOR [COPPER LT-P1 | AQU] RISER CABLE INSULATION [POLYETHYLENE LT-UNK] RIPCORD [POLYETHYLENE TEREPHTHALATE (PET) LT-UNK] BLUE JACKETING PIGMENT [UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | RES UNDISCLOSED BM-3 UNDISCLOSED BM-3 UNDISCLOSED BM-3dg] RISER JACKET [POLYVINYL CHLORIDE LT-P1 | RES ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2) BM-2 UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | CAN | AQU | PBT ANTIMONY TRIOXIDE BM-1 | CAN | MUL] FRPE CROSSWEB [UNDISCLOSED LT-UNK UNDISCLOSED BM-1 | PBT UNDISCLOSED BM-1 | CAN | MUL] RIPCORD [NYLON 6 (POST-CONSUMER) LT-UNK] RISER JACKET [UNDISCLOSED LT-P1 | RES UNDISCLOSED BM-2 UNDISCLOSED BM-U | CAN UNDISCLOSED LT-P1 | CAN | END UNDISCLOSED LT-UNK UNDISCLOSED BM-1 | CAN | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | REP UNDISCLOSED LT-1 | AQU | END | MUL | REP | DEV | SKI UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | END | PHY UNDISCLOSED LT-UNK] COLOR CONCENTRATE [UNDISCLOSED LT-1 | CAN | END UNDISCLOSED LT-P1 | RES UNDISCLOSED BM-U | CAN] CROSS FILLER FRPE [HEXAFLUOROPROPENE TETRAFLUOROETHYLENE POLYMER LT-UNK] HEXAFLUOROPROPENE TETRAFLUOROETHYLENE POLYMER LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK]

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:

The material inventory for this product was screened to the 1000 ppm threshold. Any materials that may have a varying composition due to varying suppliers have been indicated as such in the material notes section.

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: N/A

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-01-04

PUBLISHED DATE: 2021-07-15

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

COPPER CONDUCTOR

#: 43.0600 - 47.1600

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-07-15 7:22:21

#: 100.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Conductor

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

AQU

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES:

RISER CABLE INSULATION

#: 10.2700 - 10.6200

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-07-15 7:22:19

#: 100.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Insulator

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

RIPCORD

#: 0.0000 - 0.2400

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material represents the formulation of this product by the primary supplier, but actual product formulation may vary due to alternate suppliers of the product.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:21**%: **0.0000 - 80.0000** 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:

BLUE JACKETING PIGMENT%: **0.0000 - 0.2700**PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Other: Colorant**

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material represents the formulation of this product by the primary supplier, but actual product formulation may vary due to alternate suppliers of the product.

This pigment representation is indicative of the primary color variation of the product. Different color variations are possible depending on individual customer orders; however, these variations would only change the pigment components and would not affect the final hazard screening of the product.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:20**%: **0.0000 - 100.0000** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:21**%: **0.0000 - 100.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Carrier**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|-------------------------------------|
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:22**%: **0.0000 - 100.0000** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04 17:58:48**

#: **0.0000 - 100.0000** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04 17:58:49**

#: **0.0000 - 100.0000** GS: **BM-3dg** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

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

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

RISER JACKET

#: **0.0000 - 33.4500**

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

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material represents the formulation of this product by the primary supplier, but actual product formulation may vary due to alternate suppliers of the product.

POLYVINYL CHLORIDE

ID: **9002-86-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:22**

#: **40.0000 - 50.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Insulator**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|-------------------------------------|
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |

SUBSTANCE NOTES:

ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2)

ID: **8064-00-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:13**

#: **20.0000 - 30.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

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

SUBSTANCE NOTES:

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:15**

%: **10.0000 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

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

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:22**

%: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------------------|--|
| CAN | MAK | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
| AQU | US EPA - PPT Chemical Action Plans | Highly toxic to aquatic organisms |
| PBT | EC - CEPA DSL | Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms) |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

ANTIMONY TRIOXIDE

ID: **1309-64-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:23**

%: **0.0000 - 5.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|--------------------------------|--|
| CAN | EU - GHS (H-Statements) | H351 - Suspected of causing cancer |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | MAK | Carcinogen Group 2 - Considered to be carcinogenic for man |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| CAN | GHS - Japan | Carcinogenicity - Category 1B [H350] |

SUBSTANCE NOTES:

FRPE CROSSWEB

%: 0.0000 - 12.5000

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

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material represents the formulation of this product by the primary supplier, but actual product formulation may vary due to alternate suppliers of the product.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:21**

#: **75.0000 - 78.0000** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:14**

#: **16.0000 - 18.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|--|--|
| PBT | OSPAR - Priority PBTs & EDs & equivalent concern | PBT - Chemical for Priority Action |
| PBT | EHP - San Antonio Statement on BFRs & CFRs | Flame retardant substance class of concern for PB&T & long range transport |
| PBT | ChemSec - SIN List | PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative) |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:16**

#: **5.0000 - 8.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|--------------------------------|--|
| CAN | EU - GHS (H-Statements) | H351 - Suspected of causing cancer |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | MAK | Carcinogen Group 2 - Considered to be carcinogenic for man |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| CAN | GHS - Japan | Carcinogenicity - Category 1B [H350] |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

RIPCORD

#: **0.0000 - 0.2300**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material is an alternate material that may be included in the product depending on the specific suppliers.

NYLON 6 (POST-CONSUMER)

ID: 25038-54-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-07-15 7:22:19

%: 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:

RISER JACKET

%: 0.0000 - 30.3200

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material is an alternate material that may be included in the product depending on the specific suppliers.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-07-15 7:22:22

%: 41.3700 GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|-------------------------------------|
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-07-15 7:22:12

%: 24.8200 GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Insulator**

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

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-07-15 7:22:14

%: 10.3400 GS: **BM-U** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| CAN | MAK | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:15**

%: **6.6200** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---------------------------------------|--|
| CAN | MAK | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:16**

%: **6.2000** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:17**

%: **3.7200** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|--------------------------------|--|
| CAN | EU - GHS (H-Statements) | H351 - Suspected of causing cancer |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | MAK | Carcinogen Group 2 - Considered to be carcinogenic for man |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| CAN | GHS - Japan | Carcinogenicity - Category 1B [H350] |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-07-15 7:22:17 | |
|---|------------------------|--|--|
| %: 1.9900 | GS: LT-UNK | RC: None | NANO: No SUBSTANCE ROLE: Flame retardant |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | |
| None found | | No warnings found on HPD Priority Hazard Lists | |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-07-15 7:22:18 | |
|---|------------------------|--|--|
| %: 1.2400 | GS: LT-UNK | RC: None | NANO: No SUBSTANCE ROLE: Flame retardant |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | |
| None found | | No warnings found on HPD Priority Hazard Lists | |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2021-07-15 7:22:19 | |
|---|------------------------|--|--|
| %: 0.8300 | GS: LT-P1 | RC: None | NANO: No SUBSTANCE ROLE: Flame retardant |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | |
| REP | GHS - Australia | H360FD - May damage fertility. May damage the unborn child | |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:19**%: **0.4100** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|--|--|
| AQU | EU - GHS (H-Statements) | H400 - Very toxic to aquatic life |
| AQU | EU - GHS (H-Statements) | H410 - Very toxic to aquatic life with long lasting effects |
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| END | OSPAR - Priority PBTs & EDs & equivalent concern | Endocrine Disruptor - Chemical for Priority Action |
| MUL | US EPA - PPT Chemical Action Plans | EPA Chemical of Concern - Action Plan published |
| MUL | US EPA - PPT Chemical Action Plans | TSCA Work Plan chemical - Action Plan in development |
| END | ChemSec - SIN List | Endocrine Disruption |
| REP | US EPA - PPT Chemical Action Plans | Reproductive effects |
| AQU | US EPA - PPT Chemical Action Plans | Highly toxic to aquatic organisms |
| DEV | US EPA - PPT Chemical Action Plans | Developmental Effects |
| SKI | EU - GHS (H-Statements) | H314 - Causes severe skin burns and eye damage |
| REP | EU - GHS (H-Statements) | H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child |
| MUL | German FEAs - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| SKI | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| END | EU - SVHC Authorisation List | Equivalent Concern - Candidate List |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:20**%: **0.3300** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

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

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04 17:59:34**%: **0.0000 - 0.7000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---------------------------------------|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| PHY | EU - GHS (H-Statements) | H271 - May cause fire or explosion; strong oxidiser |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04 17:59:33**

%: **0.0000 - 0.7000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

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

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

COLOR CONCENTRATE

%: **0.0000 - 0.8800**

PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Other: Colorant**

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material is an alternate material that may be included in the product depending on the specific suppliers.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:21**%: **49.9700** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---------------------------------------|--|
| CAN | EU - GHS (H-Statements) | H351 - Suspected of causing cancer |
| 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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| CAN | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:12**%: **29.3300** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Carrier**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--------------------------------------|
| RES | AOEC - Asthmagens | Asthmagens (Rs) - sensitizer-induced |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:13**%: **18.2300** GS: **BM-U** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| CAN | MAK | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

CROSS FILLER FRPE%: **0.0000 - 10.7000**PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material is an alternate material that may be included in the product depending on the specific suppliers.

HEXAFLUOROPROPENE TETRAFLUOROETHYLENE POLYMER

ID: 25067-11-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:20**

%: **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:

HEXAFLUOROPROPENE TETRAFLUOROETHYLENE POLYMER

ID: 25067-11-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:20**

%: **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:

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:11**

%: **39.6000** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:11**

%: **39.2600** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:14**

%: **18.1200** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:18**

%: **1.5100** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:22:18**

%: **1.5100** 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 chemical name and CASRN are considered proprietary to the manufacturer, but the substance has been screened using the GreenScreen rating system and the hazards have been reported.

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 | N/A | | |
| CERTIFYING PARTY: Self-declared | ISSUE DATE: 2021-01-04 | EXPIRY DATE: | CERTIFIER OR LAB: Self-Declared |
| APPLICABLE FACILITIES: All Facilities. | | | |
| CERTIFICATE URL: | | | |
| CERTIFICATION AND COMPLIANCE NOTES: Inherently non-emitting per LEED®. | | | |

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

This Health Product Declaration was developed by Sustainable Solutions Corporation of Royersford, PA on behalf of the Panduit Corporation.

MANUFACTURER INFORMATION

MANUFACTURER: Panduit Corp
ADDRESS: 18900 Panduit Drive
 Tinley Park IL 60487, United States
WEBSITE: <https://www.panduit.com/>

CONTACT NAME: Tech Support
TITLE: Tech Support
PHONE: (800) 405-6654
EMAIL: TechSupport@panduit.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.