

HPD UNIQUE IDENTIFIER: 25431

CLASSIFICATION: 27 10 00 Structured Cabling

PRODUCT DESCRIPTION: Copper Cable, Cat 6, 4-Pair, 23 or 24 AWG, U/UTP, CMP

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities
<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 13 of 13 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		

All Substances Above the Threshold Indicated Are:
 Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.
 Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.
 Identified Yes Ex/SC Yes 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.

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] PLENUM CABLE INSULATION [HEXAFLUOROPROPENE TETRAFLUOROETHYLENE POLYMER LT-UNK] RIPCORD [POLYETHYLENE TEREPHTHALATE (PET) LT-UNK] BLUE JACKETING PIGMENT [UNDISCLOSED BM-3dg UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-P1 | RES UNDISCLOSED BM-3] PES ULTRASON [POLYETHER SULFONE NoGS] PLENUM JACKET [POLYVINYL CHLORIDE LT-P1 | RES ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2) BM-2 UNDISCLOSED LT-UNK | SKI UNDISCLOSED BM-2 | PBT | MUL UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED NoGS UNDISCLOSED LT-P1 UNDISCLOSED LT-1 | CAN | END ANTIMONY TRIOXIDE BM-1 | CAN | MUL UNDISCLOSED LT-P1 | END UNDISCLOSED LT-P1 UNDISCLOSED BM-1 | AQU | END | RES | MUL] RIPCORD [NYLON 6 (POST-CONSUMER) LT-UNK] JACKET COLOR CONCENTRATE [UNDISCLOSED BM-3 UNDISCLOSED LT-P1 | RES UNDISCLOSED BM-3dg] PLENUM JACKET [UNDISCLOSED BM-2 POLYVINYL CHLORIDE LT-P1 | RES UNDISCLOSED BM-U | END UNDISCLOSED BM-2 | PBT | MUL UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED BM-1 | AQU | END | RES | MUL UNDISCLOSED LT-UNK UNDISCLOSED BM-1 | CAN | MUL TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED LT-UNK] SEPARATOR TAPE [UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | CAN | END UNDISCLOSED BM-1] FRPP INSULATION [UNDISCLOSED BM-3 POLYPROPYLENE LT-UNK UNDISCLOSED BM-1 | PBT UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | CAN | AQU UNDISCLOSED LT-P1 UNDISCLOSED LT-P1 UNDISCLOSED LT-P1 | PBT UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK] COLOR PIGMENT [HEXAFLUOROPROPENE TETRAFLUOROETHYLENE POLYMER LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END] PLENUM JACKET [POLYVINYL CHLORIDE LT-P1 | RES ALUMINUM BM-1 | END | RES |

Number of Greenscreen BM-4/BM3 contents ... 6

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.

PHY ZINC, ELEMENTAL LT-P1 | AQU | END | MUL | PHY
WOLLASTONITE LT-UNK KAOLIN LT-UNK | CAN AMMONIUM
OCTAMOLYBDATE NoGS ANTIMONY, ELEMENTAL LT-1 | CAN | AQU

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

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-07-15

PUBLISHED DATE: 2021-07-15

EXPIRY DATE: 2024-07-15

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

#: 41.7500 - 53.0000

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 7:17:25

#: 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:

PLENUM CABLE INSULATION

#: 12.7400 - 24.0500

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:

HEXAFLUOROPROPENE TETRAFLUOROETHYLENE POLYMER

ID: 25067-11-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-07-15 7:17:24

#: 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 - 0.3300

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 7:14:37**%: **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 - 0.4100**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 7:14:36**%: **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.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:14:36**%: **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 7:14:36**%: **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: **2021-07-15 7:14:39**

%: **0.0000 - 100.0000** 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.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:14:39**

%: **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.

PES ULTRASON

%: **0.0000 - 5.4800**

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.

POLYETHER SULFONE

ID: **25667-42-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:26**

%: **80.0000 - 100.0000** GS: **NoGS** 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:

PLENUM JACKET

%: **0.0000 - 27.1600**

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 7:17:27**

%: **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 7:17:30**

%: **20.0000 - 40.0000** 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 7:17:32**

%: **5.0000 - 25.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation

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 7:14:28**

%: **1.0000 - 15.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

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

SUBSTANCE NOTES:

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
MUL	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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)
PBT	EU - ESIS PBT	Fulfills PBT Criteria - Action Deferred

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 7:14:27		
%: 1.0000 - 10.0000	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 7:14:28		
%: 1.0000 - 5.0000	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 7:14:31		
%: 0.1000 - 5.0000	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 7:14:31**

#: **0.1000 - 5.0000** 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.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:14:40**

#: **0.0000 - 1.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

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 7:14:40**

#: **0.0000 - 5.0000** GS: **LT-P1** 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.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:14:41**

#: **0.0000 - 5.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dye**

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.

ANTIMONY TRIOXIDE

ID: 1309-64-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:14:41**
 %: **0.0000 - 10.0000** 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.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:14:42**
 %: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Lubricant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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 7:14:42

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

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 7:14:43

%: 0.0000 - 5.0000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Flame retardant
RIPCORD %: 0.0000 - 0.2200

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	MATERIAL TYPE: Polymeric Material
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	Yes	
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life	RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to be below the 1000 ppm threshold.
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects	OTHER MATERIAL NOTES: This material is an alternate material that may be included in the product depending on the specific suppliers.
END NYLON 6 (POST-CONSUMER)	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor	ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-07-15 7:17:25

%: 0.0000 GS: TRENK Substances Hazardous to RC: None NANO: No SUBSTANCE ROLE: Polymer species
Waters Waters

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.
SUBSTANCE NOTES:

JACKET COLOR CONCENTRATE

%: 0.0000 - 1.2200

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 7:17:30**%: **25.0000 - 50.0000** 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.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:30**%: **25.0000 - 50.0000** 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 7:17:31**%: **10.0000 - 25.0000** GS: **BM-3dg** 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.

PLENUM JACKET%: **0.0000 - 39.5800**

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.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:29**%: **30.0000 - 50.0000** 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: 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.

POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:28**

%: **30.0000 - 50.0000** 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:

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:33**

%: **5.0000 - 20.0000** GS: **BM-U** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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 7:14:29**

%: **1.0000 - 5.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
MUL	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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)
PBT	EU - ESIS PBT	Fulfills PBT Criteria - Action Deferred

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 7:14:30**

#: 1.0000 - 5.0000

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.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-07-15 7:14:29

#: 1.0000 - 5.0000

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 7:14:33

#: 0.1000 - 1.0000

GS: BM-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
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

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 7:14:32

#: 0.1000 - 1.0000

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

%: 0.1000 - 1.0000

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.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.1000 - 1.0000

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:

UNDISCLOSED

ID: Undisclosed

%: 0.0100 - 0.1000

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 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.

SEPARATOR TAPE

%: 0.0000 - 2.1000

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.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:27**%: **70.0000 - 100.0000** 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 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 7:14:38**%: **0.0000 - 1.0000** 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 7:14:40**%: **0.0000 - 0.3000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

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.

FRPP INSULATION%: **0.0000 - 17.2300**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.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:28**

%: **35.0000 - 50.0000** 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.

POLYPROPYLENE

ID: **9003-07-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:29**

%: **30.0000 - 50.0000** 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 7:17:32**

%: **10.0000 - 20.0000** 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 7:14:26**

%: **1.0000 - 5.0000** 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 7:14:25**

%: **1.0000 - 5.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
AQU	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects

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 7:14:33**

%: **0.1000 - 1.0000** GS: **LT-P1** 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: **2021-01-04 18:46:41**

%: **0.1000 - 1.0000** GS: **LT-P1** 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.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:14:34**

%: **0.1000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

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 7:14:34**

%: 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 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 7:14:35**

%: 0.0100 - 0.1000

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.

COLOR PIGMENT

%: 0.0000 - 0.5000

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.

HEXAFLUOROPROPENE TETRAFLUOROETHYLENE POLYMER

ID: 25067-11-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-15 7:17:25**%: **90.0000 - 100.0000** 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:

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-04 18:46:37**%: **5.0000 - 10.0000** 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:

PLENUM JACKET%: **0.0000 - 25.0000**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.

POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-07-15 7:17:26		
#: 80.0000 - 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:				

ALUMINUM

ID: **7429-90-5**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-07-15 7:17:31		
#: 10.0000 - 15.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Insulator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
PHY	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases		
PHY	EU - GHS (H-Statements)	H228 - Flammable solid		
SUBSTANCE NOTES:				

ZINC, ELEMENTAL

ID: **7440-66-6**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-07-15 7:14:27		
#: 1.0000 - 5.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Insulator
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		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air		
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously		
SUBSTANCE NOTES:				

WOLLASTONITE

ID: **13983-17-0**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-07-15 7:14:26		
#: 1.0000 - 5.0000	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:		

KAOLIN

ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-07-15 7:14:25		
%: 1.0000 - 5.0000	GS: LT-UNK	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:				

AMMONIUM OCTAMOLYBDATE

ID: 12411-64-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-07-15 7:14:37		
%: 0.0000 - 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

ANTIMONY, ELEMENTAL

ID: 7440-36-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-07-15 7:14:38		
%: 0.0000 - 1.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Insulator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man		
AQU	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
SUBSTANCE NOTES:				

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.