

HPD UNIQUE IDENTIFIER: 22071

CLASSIFICATION: 27 10 00 Structured Cabling

PRODUCT DESCRIPTION: GenSPEED® 10 Category 6A, Part number: 7143819 This Category 6A standards-compliant cable utilizes a crossweb separator with patented design which locks the pairs into a systematic orientation within the cable providing superior internal electrical characteristics. An ideal product for high-power PoE applications, rated to 75°C GenSPEED 10 UTP is UL Listed CMP-LP (0.5A) and able to support up to 100 watts using 50 volts over all four pairs.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other

Residuals/Impurities

Residuals/Impurities
Considered in 13 of 13 Materials

Explanation(s) provided
for Residuals/Impurities?

- Yes No

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](#) | [MUL](#) | [RISER JACKET 2](#) | [POLYVINYL CHLORIDE \(PVC\)](#) [LT-P1](#) | [RES ALUMINA TRIHYDRATE](#) [BM-2](#) | [TRIOCTYL BENZENE-1,2,4-TRICARBOXYLATE](#) [LT-UNK](#) [UNDISCLOSED](#) [LT-P1](#) | [PBT](#) | [AQU](#) | [CAN ANTIMONY TRIOXIDE](#) [BM-1](#) | [CAN](#) | [MUL](#) | [PLENUM INSULATION](#) | [1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE](#) [LT-UNK](#) [UNDISCLOSED](#) [LT-UNK](#) | [SKI BORON NITRIDE \(BN\)](#) [LT-UNK](#) | [MYLAR/ALUM TAPE](#) | [ALUMINUM \(PRIMARY CASRN IS 7429-90-5\)](#) [BM-1](#) | [RES](#) | [PHY](#) | [END](#) | [HDPE](#) | [1-HEXENE, POLYMER WITH ETHENE](#) [LT-UNK](#) | [PES ULTRASON](#) | [POLYETHER SULFONE](#) [NoGS](#) | [BLUE JACKETING PIGMENT](#) | [UNDISCLOSED](#) [BM-3](#) | [UNDISCLOSED](#) [BM-3dg](#) | [UNDISCLOSED](#) [LT-UNK](#) [UNDISCLOSED](#) [LT-P1](#) | [RES](#) [UNDISCLOSED](#) [BM-3](#) | [UNDISCLOSED](#) | [1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE](#) [LT-UNK](#) | [TITANIUM DIOXIDE](#) [LT-1](#) | [CAN](#) | [END](#) [UNDISCLOSED](#) [LT-1](#) | [RES](#) | [CAN](#) | [GEN](#) | [WHITE COLOR CONCENTRATE HDPE](#) | [POLYETHYLENE](#) [LT-UNK](#) [UNDISCLOSED](#) [LT-1](#) | [CAN](#) | [END](#) [UNDISCLOSED](#) [BM-3](#) | [UNDISCLOSED](#) [LT-UNK](#) | [UNDISCLOSED](#) | [1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE](#) [LT-UNK](#) [UNDISCLOSED](#) [LT-1](#) | [RES](#) | [CAN](#) | [GEN](#) | [TITANIUM DIOXIDE](#) [LT-1](#) | [CAN](#) | [END](#) [UNDISCLOSED](#) [LT-1](#) | [RES](#) | [CAN](#) | [GEN](#) | [UNDISCLOSED](#) | [1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE](#) [LT-UNK](#) [UNDISCLOSED](#) [LT-1](#) | [RES](#) | [CAN](#) | [GEN](#) | [ORANGE COLOR CONCENTRATE HDPE](#) | [UNDISCLOSED](#) [BM-3](#) | [POLYETHYLENE](#) [LT-UNK](#) [UNDISCLOSED](#) [LT-1](#) | [CAN](#) | [END](#) [UNDISCLOSED](#) [LT-P1](#) | [RES](#) | [BROWN COLOR CONCENTRATE HDPE](#) | [POLYETHYLENE](#) [LT-UNK](#) [UNDISCLOSED](#) [BM-3](#) | [UNDISCLOSED](#) [BM-1](#) | [CAN](#) [UNDISCLOSED](#) [LT-1](#) | [CAN](#) | [END](#) [UNDISCLOSED](#) [LT-P1](#) | [MUL](#) [UNDISCLOSED](#) [BM-1](#) | [CAN](#) [UNDISCLOSED](#) [LT-UNK](#) |

Number of Greenscreen BM-4/BM3 contents ... 5

Contents highest concern GreenScreen

Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The products are disclosed to 1000 parts per million or 0.1%

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: VOC Emissions

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: 2020-10-02

PUBLISHED DATE: 2020-10-02

EXPIRY DATE: 2023-10-02

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

#: 40.1000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Metal

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

OTHER MATERIAL NOTES:

COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-10-02

#: 100.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Conductor

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

RISER JACKET 2

#: 26.4000

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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-10-02

#: 40.0000 - 50.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Insulator

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

ALUMINA TRIHYDRATE

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-10-02

#: 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:

TRIOCTYL BENZENE-1,2,4-TRICARBOXYLATE

ID: 89-04-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-10-02

%: 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:				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 0.0000 - 5.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)		
CHRON AQUATIC	US EPA - PPT Chemical Action Plans	Highly toxic to aquatic organisms		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.				

ANTIMONY TRIOXIDE

ID: **1309-64-4**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 0.0000 - 5.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	IARC	Group 2b - Possibly carcinogenic to humans		
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer		
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man		
CANCER	CA EPA - Prop 65	Carcinogen		
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen		
CANCER	GHS - Japan	Carcinogenicity - Category 1B [H350]		
SUBSTANCE NOTES:				

PLENUM INSULATION

%: **13.5900**

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 below the 1000 ppm threshold.		
OTHER MATERIAL NOTES:		

1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE

ID: 25067-11-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **95.0000 - 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:

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.8000 - 25.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SUBSTANCE NOTES: This substance is proprietary but the health hazards have been disclosed.

BORON NITRIDE (BN)

ID: 10043-11-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 5.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Blowing agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

MYLAR/ALUM TAPE%: **8.9000**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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

ALUMINUM (PRIMARY CASRN IS 7429-90-5)

ID: 477951-22-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **1.4400**GS: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Insulator**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

HDPE%: **7.0700**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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

1-HEXENE, POLYMER WITH ETHENE

ID: 25213-02-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **99.0000 - 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:

PES ULTRASON

%: **3.4600**

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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

POLYETHER SULFONE

ID: 25667-42-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **80.0000 - 100.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

BLUE JACKETING PIGMENT

%: **0.2100**

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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **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: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **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: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 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: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 0.0000 - 100.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Carrier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		

SUBSTANCE NOTES: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 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: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists.

UNDISCLOSED

%: **0.0800**

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: Colorant
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RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered and determined to below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material and its formulation is considered proprietary to the supplier; however, this material has been fully screened and the health hazards have been fully disclosed.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **80.0000 - 90.0000** 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: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

TITANIUM DIOXIDE

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **10.0000 - 20.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **0.1000 - 1.5000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: This material and its formulation is considered proprietary to the supplier; however, this material has been fully screened and the health hazards have been fully disclosed.

WHITE COLOR CONCENTRATE HDPE

%: **0.0500**

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 below the 1000 ppm threshold.**

OTHER MATERIAL NOTES:

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

#: **0.0000 - 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:

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

#: **0.0000 - 100.0000**

GS: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

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

CANCER

MAK

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

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

#: **0.0000 - 100.0000**

GS: **BM-3**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

#: **0.0000 - 100.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

#: **0.0400**

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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material and its formulation is considered proprietary to the supplier; however, this material has been fully screened and the health hazards have been fully disclosed.

1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE

ID: 25067-11-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **70.0000 - 80.0000** 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: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **20.0000 - 30.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: This material and its formulation is considered proprietary to the supplier; however, this material has been fully screened and the health hazards have been fully disclosed.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **1.5000 - 5.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-10-02**

%: **0.1000 - 1.5000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: This material and its formulation is considered proprietary to the supplier; however, this material has been fully screened and the health hazards have been fully disclosed.

UNDISCLOSED

%: 0.0400

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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES: This material and its formulation is considered proprietary to the supplier; however, this material has been fully screened and the health hazards have been fully disclosed.

1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE

ID: 25067-11-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 60.0000 - 70.0000	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: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 30.0000 - 40.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted		
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans		
CANCER	CA EPA - Prop 65	Carcinogen		
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen		
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man		
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization		
GENE MUTATION	MAK	Germ Cell Mutagen 3a		

SUBSTANCE NOTES: This material and its formulation is considered proprietary to the supplier; however, this material has been fully screened and the health hazards have been fully disclosed.

ORANGE COLOR CONCENTRATE HDPE

%: 0.0300

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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 100.0000**GS: **BM-3**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

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

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

POLYETHYLENEID: **9002-88-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 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:

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 100.0000**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 100.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

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

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

BROWN COLOR CONCENTRATE HDPE%: **0.0300**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 below the 1000 ppm threshold.

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 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: **The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 100.0000**GS: **BM-3**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 100.0000**GS: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**MAK****Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**SUBSTANCE NOTES: **The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 100.0000**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**US CDC - Occupational Carcinogens****Occupational Carcinogen****CANCER****CA EPA - Prop 65****Carcinogen - specific to chemical form or exposure route****CANCER****IARC****Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources****ENDOCRINE****TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor****CANCER****MAK****Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value****CANCER****MAK****Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**SUBSTANCE NOTES: **The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-10-02**%: **0.0000 - 100.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Dye**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 0.0000 - 100.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-02		
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

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

VOC Emissions

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-06-26**

EXPIRY DATE:

CERTIFIER OR LAB: **Self declared**

APPLICABLE FACILITIES: **All facilities**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

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 prepared by Sustainable Solutions Corporation of Royersford, PA on behalf of General Cable.

MANUFACTURER INFORMATION

MANUFACTURER: **Prysmian Group**
 ADDRESS: **4 Tesseneer Rd**
Highland Heights KY 41076, United States
 WEBSITE: **https://www.prysmiangroup.com/en**

CONTACT NAME: **Matt Marcus**
 TITLE: **Product Manager**
 PHONE: **859-386-9781**
 EMAIL: **matt.marcus@prysmiangroup.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)	NoGS No GreenScreen.
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)	

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.