

# GenSPEED 6 F/UTP (ScTP) and GenSPEED 10 Category 6A F/UTP (ScTP) Riser Cable by Prysmian Group

## Health Product Declaration v2.2

created via: HPDC Online Builder

**HPD UNIQUE IDENTIFIER:** 22973  
**CLASSIFICATION:** 27 10 00 Structured Cabling  
**PRODUCT DESCRIPTION:** GenSPEED® 6 Category 6 F/UTP (ScTP), Part number: 6133785. This Category 6 standards-compliant cable employs a foil shield to reduce electromagnetic interference (EMI) for optimal performance. GenSPEED® 10 Category 6A F/UTP (ScTP), Part number: 7143586. GenSPEED 10 Category 6A F/UTP is an overall shielded cable, requiring grounding and providing 6dB of guaranteed headroom over the ANSI/TIA 568.2-D standard for alien crosstalk (PSANEXT and PSAACRF). Both cables are rated to 75°C for greater protection against increased operating temperatures, and are UL Listed CMR-LP (0.5A) and able to support PoE applications up to 100 watts using 50 volts over four pairs.

### Section 1: Summary Nested Method / Product Threshold

#### CONTENT INVENTORY

<b>Inventory Reporting Format</b> <input checked="" type="radio"/> Nested Materials Method <input type="radio"/> Basic Method  <b>Threshold Disclosed Per</b> <input type="radio"/> Material <input checked="" type="radio"/> Product	<b>Threshold level</b> <input type="radio"/> 100 ppm <input checked="" type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Other	<b>Residuals/Impurities</b> Residuals/Impurities Considered in 15 of 15 Materials  <b>Explanation(s) provided for Residuals/Impurities?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No	<i>All Substances Above the Threshold Indicated Are:</i>  <b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>% weight and role provided for all substances.</i>  <b>Screened</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>All substances screened using Priority Hazard Lists with results disclosed.</i>  <b>Identified</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>
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#### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

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%

**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 WIRE INSULATION [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK UNDISCLOSED LT-UNK | SKI BORON NITRIDE (BN) LT-UNK ] ALUM/PET TAPE [ POLYETHYLENE TEREPHTHALATE (PET) LT-UNK ALUMINUM BM-1 | PHY | END | RES ] RISER CABLE INSULATION [ 1-HEXENE, POLYMER WITH ETHENE LT-UNK ] 24 AWG SOLID TC DRAIN WIRE [ COPPER LT-P1 | MUL TIN LT-UNK ] PES ULTRASON [ POLYETHER SULFONE NoGS ] MYLAR TAPE [ POLYETHYLENE TEREPHTHALATE (PET) LT-UNK ] BLUE JACKETING PIGMENT [ UNDISCLOSED BM-3 UNDISCLOSED BM-3dg UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | RES UNDISCLOSED BM-3 ] UNDISCLOSED [ SILICA, AMORPHOUS BM-1 | CAN TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED LT-P1 | CAN UNDISCLOSED BM-2 | RES 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK ] WHITE COLOR CONCENTRATE HDPE [ UNDISCLOSED LT-1 | CAN | END POLYETHYLENE LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK ] UNDISCLOSED [ 1-**

PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH  
TETRAFLUOROETHENE LT-UNK C.I. PIGMENT BLUE 28 LT-1 | RES |  
CAN | GEN TITANIUM DIOXIDE LT-1 | CAN | END SILICA, AMORPHOUS  
BM-1 | CAN UNDISCLOSED LT-P1 | CAN UNDISCLOSED BM-2 | RES ]  
UNDISCLOSED [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER  
WITH TETRAFLUOROETHENE LT-UNK SILICA, AMORPHOUS BM-1 |  
CAN TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED LT-P1 | CAN  
UNDISCLOSED BM-2 | RES UNDISCLOSED BM-2 | CAN  
UNDISCLOSED LT-1 | RES | CAN ] 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 ]

**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: 2020-09-17

PUBLISHED DATE: 2020-11-17

EXPIRY DATE: 2023-09-17

## 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.hpdc-collaborative.org/hpd-2-2-standard](http://www.hpdc-collaborative.org/hpd-2-2-standard)

### COPPER CONDUCTOR

#: 37.9500

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: 2020-09-17

#: 100.0000 - 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: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

### RISER JACKET 2

#: 24.9900

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: 2020-09-17

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

#### ALUMINA TRIHYDRATE

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-17

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

**TRIOCTYL BENZENE-1,2,4-TRICARBOXYLATE**

ID: 89-04-3

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>10.0000 - 20.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Plasticizer</b>

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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 5.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Plasticizer</b>

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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 5.0000</b>	GS: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Flame retardant</b>

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	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	GHS - Japan	Carcinogenicity - Category 1B [H350]

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.

**PLENUM WIRE INSULATION**

%: 12.8700

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: **2020-09-17**

%: **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:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2020-09-17**

%: **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: **2020-09-17**

%: **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:

**ALUM/PET TAPE**

%: 8.4200

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:

**POLYETHYLENE TEREPHTHALATE (PET)**

ID: 25038-59-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**%: **60.0000 - 70.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Film former**

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.

**ALUMINUM**

ID: 7429-90-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**%: **30.0000 - 40.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Insulator**

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

SUBSTANCE NOTES: This substance is an alloyed metal so the exposure and risk of these hazards is significantly lower than the pure elemental form. The HPDC is currently developing guidance on the special conditions on alloyed metals.

**RISER CABLE INSULATION**%: **6.7000**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 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: **2020-09-17**%: **99.5000 - 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: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

**24 AWG SOLID TC DRAIN WIRE**%: **3.8300**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: **2020-09-17**%: **97.0000 - 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: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed.

**TIN**

ID: 7440-31-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**%: **1.0000 - 3.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antioxidant**

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.

**PES ULTRASON**%: **3.2700**

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: **2020-09-17**%: **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:

**MYLAR TAPE**%: **1.5120**

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: **2020-09-17**%: **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:

**BLUE JACKETING PIGMENT**%: **0.2000**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: **2020-09-17**%: **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: **2020-09-17**%: **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: **2020-09-17**%: **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: **2020-09-17**%: **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: **2020-09-17**%: **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**%: **0.0741**

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.

**SILICA, AMORPHOUS**ID: **7631-86-9**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**%: **0.0000 - 100.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

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**ID: **13463-67-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**%: **0.0000 - 100.0000** 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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
RESPIRATORY	AOEC - Asthmagens	Asthmagens (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.

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

ID: **25067-11-2**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Carrier</b>
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.

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:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**

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

**POLYETHYLENE**

ID: 9002-88-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**

%: **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: **2020-09-17**

%: **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: **2020-09-17**%: **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**%: **0.0370**

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: **2020-09-17**%: **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.

**C.I. PIGMENT BLUE 28**ID: **1345-16-0**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**%: **0.0000 - 100.0000** 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: 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**ID: **13463-67-7**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**

#: 0.0000 - 100.0000

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.

**SILICA, AMORPHOUS**

ID: 7631-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**

#: 0.0000 - 100.0000

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

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: **2020-09-17**

#: 0.0000 - 100.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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: **2020-09-17**

#: 0.0000 - 100.0000

GS: BM-2

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

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.

**UNDISCLOSED**

%: 0.0370

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: **2020-09-17**

%: **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.

**SILICA, AMORPHOUS**

ID: 7631-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2020-09-17**

%: **0.0000 - 100.0000**      GS: **BM-1**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

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**

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2020-09-17**

%: **0.0000 - 100.0000**      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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
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.

### UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
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: **2020-09-17**

#: **0.0000 - 100.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

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.

**ORANGE COLOR CONCENTRATE HDPE** #: **0.0309**

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:

**UNDISCLOSED**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**

#: **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.

**POLYETHYLENE**

ID: **9002-88-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-17**

#: **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: **2020-09-17**

#: **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	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
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 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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Dye</b>
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      %: 0.0309

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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Carrier</b>
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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>BM-3</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Dye</b>

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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Dye</b>
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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Dye</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
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 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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2020-09-17</b>		
%: <b>0.0000 - 100.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Dye</b>
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: **2020-09-17**

%: **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	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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

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: **2020-09-17**

%: **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-	EXPIRY DATE:	CERTIFIER OR LAB: Self-declared
APPLICABLE FACILITIES: All facilities	27		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Not applicable for product type			

### 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 Line Management  
**PHONE:** 859-386-9781  
**EMAIL:** [matt.marcus@prysmiangroup.com](mailto: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**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>NoGS</b> No GreenScreen.
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> 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.*