

HPD UNIQUE IDENTIFIER: 22930

**CLASSIFICATION:** 27 10 00 Structured Cabling

**PRODUCT DESCRIPTION:** GenSPEED® 10 Category 6A Indoor/Outdoor Plenum, Part number: 7141007 This Category 6A product is intended for installation in below-grade conduit, duct, and other wet environments. An ideal product for high-power PoE applications, rated to 125°C GenSPEED 10 Indoor/Outdoor is UL Listed CMP-LP (0.8A) and able to support up to 160 watts using 50 volts over all four pairs.

## Section 1: Summary

## Nested Method / Product Threshold

## CONTENT INVENTORY

|   |   |   |  |
|---|---|---|--|
| <b>Inventory Reporting Format</b><br><input checked="" type="radio"/> Nested Materials Method<br><input type="radio"/> Basic Method | <b>Threshold level</b><br><input type="radio"/> 100 ppm<br><input checked="" type="radio"/> 1,000 ppm<br><input type="radio"/> Per GHS SDS<br><input type="radio"/> Other | <b>Residuals/Impurities</b><br>Residuals/Impurities<br>Considered in 11 of 11 Materials                                       | <i>All Substances Above the Threshold Indicated Are:</i>   |
| <b>Threshold Disclosed Per</b><br><input type="radio"/> Material<br><input checked="" type="radio"/> Product                        |   | <b>Explanation(s) provided<br/>for Residuals/Impurities?</b><br><input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No<br><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<br><i>All substances screened using Priority Hazard Lists with<br/>results disclosed.</i>  |
|   |   |   | <b>Identified</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No<br><i>One or more substances not disclosed by Name<br/>(Specific or Generic) and Identifier and/ or one or more<br/>Special Condition did not follow guidance.</i> |

### 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 | MUL ] PLENUM JACKET [ FTOROPLAST 26 (PRIMARY CASRN IS 9011-17-0) LT-UNK ] 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 SHIELD [ ALUMINUM BM-1 | RES | PHY | END POLYETHYLENE TEREPHTHALATE (PET) LT-UNK ] PES ULTRASON [ POLYETHER SULFONE NoGS ] BLACK COLOR CONCENTRATE [ POLYVINYLIDENE FLUORIDE LT-UNK ] 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 ] 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 ] UNDISCLOSED [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK BISMUTH VANADIUM TETRAOXIDE BM-1 | MUL UNDISCLOSED LT-P1 | AQU | MUL UNDISCLOSED LT-P1 ] UNDISCLOSED [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK

Number of Greenscreen BM-4/BM3 contents ... 0

## 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%.

C.I. PIGMENT BROWN 33 LT-UNK UNDISCLOSED LT-UNK  
UNDISCLOSED LT-1 | CAN | MUL UNDISCLOSED LT-UNK SILICA,  
AMORPHOUS BM-1 | CAN TITANIUM DIOXIDE LT-1 | CAN | END  
UNDISCLOSED LT-P1 | CAN UNDISCLOSED BM-2 | RES ]

**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: 2020-11-10  
PUBLISHED DATE: 2020-11-13  
EXPIRY DATE: 2023-11-10

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

|   |   |  |  |                      |
|---|---|--|--|----------------------|
| COPPER CONDUCTOR  |   | %: 34.1200                               |  |                      |
| 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: 2020-11-10        |  |                      |
| %: 100.0000 - 100.0000  |   | GS: LT-P1                                | RC: None   | NANO: No             |
|   |   | SUBSTANCE ROLE: Conductor                |  |                      |
| HAZARD TYPE   | AGENCY AND LIST TITLES                      |  | WARNINGS   |                      |
| CHRON AQUATIC   | EU - GHS (H-Statements)                     |  | H411 - Toxic to aquatic life with long lasting effects |                      |
| 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. |   |  |  |                      |

|  |                        |  |  |                                   |
|--|------------------------|--|--|-----------------------------------|
| PLENUM JACKET  |                        | %: 31.4400                               |  |                                   |
| 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:  |                        |  |  |                                   |
| FTOROPLAST 26 (PRIMARY CASRN IS 9011-17-0)   |                        |  |  | ID: 2021211-78-7                  |
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library   |                        | HAZARD SCREENING DATE: 2020-11-10        |  |                                   |
| %: 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:   |                        |  |  |                                   |

|                             |  |  |  |                                   |
|-----------------------------|--|--|--|-----------------------------------|
| PLENUM INSULATION           |  | %: 22.8600                               |  |                                   |
| 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: 2020-11-10              |          |                           |
| %: 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: <b>Pharos Chemical and Materials Library</b>                      |                         | HAZARD SCREENING DATE: <b>2020-11-10</b> |                 |  |
| %: <b>0.8000 - 25.0000</b>   | GS: <b>LT-UNK</b>       | RC: <b>None</b>                          | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Flame retardant</b> |
| 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: 2020-11-10              |          |                               |
| %: 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 SHIELD  |  | %: 7.5600                         |
| 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   |                                       |          | ID: 7429-90-5   |          |                           |
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                                       |          | HAZARD SCREENING DATE: 2020-11-10                     |          |                           |
| %: 25.0000 - 70.0000   |                                       | 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:   |                                       |          |   |          |                           |

|  |                        |  |                                   |          |                                 |
|--|------------------------|--|-----------------------------------|----------|---------------------------------|
| POLYETHYLENE TEREPHTHALATE (PET)                               |                        |  | ID: 25038-59-9                    |          |                                 |
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        |  | HAZARD SCREENING DATE: 2020-11-10 |          |                                 |
| %: 0.0000 - 30.0000  |                        | 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:   |                        |  |                                   |          |                                 |

|  |  |                                   |
|--|--|-----------------------------------|
| PES ULTRASON   |  | %: 2.9400                         |
| 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: 2020-11-10              |          |                                 |
| %: 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:   |                        |          |  |          |                                 |

|                             |  |                                |
|-----------------------------|--|--------------------------------|
| BLACK COLOR CONCENTRATE     |  | %: 0.6000                      |
| 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:

|  |                        |  |          |                         |                |
|--|------------------------|--|----------|-------------------------|----------------|
| POLYVINYLIDENE FLUORIDE  |                        |  |          |                         | ID: 24937-79-9 |
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2020-11-10              |          |                         |                |
| %: 97.0000 - 99.0000   | GS: LT-UNK             | RC: None                                       | NANO: No | SUBSTANCE ROLE: Pigment |                |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS                                       |          |                         |                |
| None found   |                        | No warnings found on HPD Priority Hazard Lists |          |                         |                |
| SUBSTANCE NOTES:   |                        |  |          |                         |                |

|   |  |                                |
|---|--|--------------------------------|
| UNDISCLOSED   |  | %: 0.3600                      |
| 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: 2020-11-10 |  |                         |               |
| %: 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: 2020-11-10 |          |                         |                |
| %: 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                       |
| CANCER      | EU - GHS (H-Statements)               | H351 - Suspected of causing cancer   |
| 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: **2020-11-10**

%: **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: **2020-11-10**

%: **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.

#### 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: **2020-11-10**

%: **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   |                        | %: 0.0300                                |  |
| 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: 2020-11-10        |  |
| %: 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: 2020-11-10                                 |          |                         |
| %: 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: 2020-11-10 |
| %: 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                       |
| CANCER  | EU - GHS (H-Statements)               | H351 - Suspected of causing cancer   |
| 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: 2020-11-10 |  |                         |
| %: 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: 2020-11-10 |  |                         |
| %: 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: 2020-11-10 |          |                         |
| %: 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   |  | %: 0.0300                                |                                |
| 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: 2020-11-10              |
| %: 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: 2020-11-10         |
| %: 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: 2020-11-10         |
| %: 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                       |
| CANCER  | EU - GHS (H-Statements)               | H351 - Suspected of causing cancer   |
| 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: 2020-11-10 |  |                         |
| %: 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: <b>Pharos Chemical and Materials Library</b>   |                        | HAZARD SCREENING DATE: <b>2020-11-10</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>2020-11-10</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: <b>Pharos Chemical and Materials Library</b> |                                | HAZARD SCREENING DATE: <b>2020-11-10</b>  |                 |                                |
| %: <b>0.0000 - 100.0000</b>   | GS: <b>LT-1</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       |                 |                                |
| 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.

UNDISCLOSED

%: **0.0300**

|   |   |                                |
|---|---|--------------------------------|
| PRODUCT THRESHOLD: 1000 ppm   | RESIDUALS AND IMPURITIES CONSIDERED: <b>Yes</b> | 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. |   |                                |

|   |                        |                                   |  |          |                         |
|---|------------------------|-----------------------------------|--|----------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  |                        | HAZARD SCREENING DATE: 2020-11-10 |  |          |                         |
| %: 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. |                        |                                   |  |          |                         |

BISMUTH VANADIUM TETRAOXIDE

ID: 14059-33-7

|   |   |                                   |                                   |                         |
|---|---|-----------------------------------|-----------------------------------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  |   | HAZARD SCREENING DATE: 2020-11-10 |                                   |                         |
| %: 0.0000 - 100.0000  | GS: BM-1                                    | RC: None                          | NANO: No                          | SUBSTANCE ROLE: Pigment |
| 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: 2020-11-10 |   |                         |
| %: 0.0000 - 100.0000  | GS: LT-P1                                   | RC: None                          | NANO: No  | SUBSTANCE ROLE: Pigment |
| HAZARD TYPE   | AGENCY AND LIST TITLES                      |                                   | WARNINGS  |                         |
| ACUTE AQUATIC   | EU - GHS (H-Statements)                     |                                   | H400 - Very toxic to aquatic life                           |                         |
| CHRON AQUATIC   | EU - GHS (H-Statements)                     |                                   | H410 - Very toxic to aquatic life with long lasting effects |                         |
| 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. |   |                                   |   |                         |

UNDISCLOSED

|   |                        |                                   |  |                         |
|---|------------------------|-----------------------------------|--|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  |                        | HAZARD SCREENING DATE: 2020-11-10 |  |                         |
| %: 0.0000 - 100.0000  | GS: LT-P1              | 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 formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed. |                        |                                   |  |                         |

UNDISCLOSED

%: 0.0300

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: 2020-11-10              |          |                         |
| %: 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:   |                        |  |          |                         |

|  |                        |  |          |                         |
|--|------------------------|--|----------|-------------------------|
| C.I. PIGMENT BROWN 33  |                        |  |          | ID: 68186-88-9          |
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2020-11-10              |          |                         |
| %: 0.0000 - 100.0000   | GS: LT-UNK             | RC: None                                       | NANO: No | SUBSTANCE ROLE: Pigment |
| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS                                       |          |                         |
| None found   |                        | No warnings found on HPD Priority Hazard Lists |          |                         |
| SUBSTANCE NOTES:   |                        |  |          |                         |

|   |                        |  |                 |                                |
|---|------------------------|--|-----------------|--------------------------------|
| UNDISCLOSED   |                        |  |                 |                                |
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>   |                        | HAZARD SCREENING DATE: <b>2020-11-10</b>       |                 |                                |
| %: <b>0.0000 - 100.0000</b>   | GS: <b>LT-UNK</b>      | RC: <b>None</b>                                | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</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: Pharos Chemical and Materials Library |          | HAZARD SCREENING DATE: 2020-11-10 |          |                         |
| %: 0.0000 - 100.0000   | GS: LT-1 | RC: None                          | NANO: No | SUBSTANCE ROLE: Pigment |

| HAZARD TYPE   | AGENCY AND LIST TITLES                      | WARNINGS   |
|---|---|--|
| CANCER  | EU - GHS (H-Statements)                     | H350 - May cause cancer  |
| CANCER  | EU - REACH Annex XVII CMRs                  | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| MULTIPLE  | ChemSec - SIN List                          | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| MULTIPLE  | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters   |
| CANCER  | EU - Annex VI CMRs                          | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                          |
| CANCER  | GHS - Australia                             | H350 - May cause cancer  |
| 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>2020-11-10</b> |  |                                |
| %: <b>0.0000 - 100.0000</b>   | GS: <b>LT-UNK</b>      | RC: <b>None</b>                          | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Pigment</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. |                        |  |  |                                |

SILICA, AMORPHOUS

ID: 7631-86-9

|   |                        |  |  |                                |
|---|------------------------|--|--|--------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>   |                        | HAZARD SCREENING DATE: <b>2020-11-10</b> |  |                                |
| %: <b>0.0000 - 100.0000</b>   | GS: <b>BM-1</b>        | RC: <b>None</b>                          | NANO: <b>No</b>                        | SUBSTANCE ROLE: <b>Pigment</b> |
| 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: <b>Pharos Chemical and Materials Library</b> |                 | HAZARD SCREENING DATE: <b>2020-11-10</b> |                 |                                |
| %: <b>0.0000 - 100.0000</b>   | GS: <b>LT-1</b> | RC: <b>None</b>                          | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |

| 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      | EU - GHS (H-Statements)               | H351 - Suspected of causing cancer   |
| 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>2020-11-10</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>2020-11-10</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.



### 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: 2020-11-04          |
| APPLICABLE FACILITIES: All Facilities.                   | EXPIRY DATE:                    |
| CERTIFICATE URL:   | CERTIFIER OR LAB: Self-Declared |
| CERTIFICATION AND COMPLIANCE NOTES: N/A 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 Dr.  
 Highland Heights KY 41076, USA  
**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>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)      | <b>NoGS</b> 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.*