

CLASSIFICATION: 27 10 00

PRODUCT DESCRIPTION: Category 6A, plenum (CMP), 4-pair, U/FTP shielded copper cable. Copper conductors are 23 AWG with FEP insulation. Conductors are twisted in pairs, each covered by a metallic foil shield, separated by an integrated pair divider and protected by a low smoke, flame retardant PVC jacket.

## Section 1: Summary

### CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 0 of 12 materials	Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> 100 ppm		Are the Percent Weight and Role provided for all substances?	Yes	No
<input checked="" type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 2:	Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> Per GHS SDS	Material Notes	Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
<input type="radio"/> Per OSHA MSDS	<input type="radio"/> see Section 5:	Identified.....	<input type="radio"/>	<input checked="" type="radio"/>
<input type="radio"/> Other	General Notes	Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

Based on the selected Content Inventory Threshold:

### 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**

RISER JACKET 6 [ UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | PBT UNDISCLOSED UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED ] COPPER CONDUCTOR [ COPPER LT-P1 ] PLENUM WIRE INSULATION [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK UNDISCLOSED LT-UNK | SKI | AQU BORON NITRIDE (BN) LT-UNK ] FEP CROSSWEB [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK ] ALUM/PET TAPE [ POLYETHYLENE TEREPHTHALATE (PET) LT-UNK ALUMINUM LT-P1 | RES | PHY | END ] DRAIN WIRE [ COPPER LT-P1 TIN LT-UNK ] BLUE JACKETING PIGMENT [ UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES UNDISCLOSED LT-UNK ] FEP WHITE COLOR CONCENTRATE [ SILICA, AMORPHOUS LT-UNK TITANIUM DIOXIDE LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK ] FEP BLUE COLOR CONCENTRATE [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK C.I. PIGMENT BLUE 28 LT-UNK TITANIUM DIOXIDE LT-1 | CAN SILICA, AMORPHOUS LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES ] FEP ORANGE COLOR CONCENTRATE [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK BISMUTH VANADIUM TETRAOXIDE LT-UNK | MUL UNDISCLOSED LT-P1 | AQU | MUL UNDISCLOSED LT-UNK ] FEP GREEN COLOR CONCENTRATE [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK SILICA, AMORPHOUS LT-UNK TITANIUM DIOXIDE LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES UNDISCLOSED LT-UNK UNDISCLOSED UNK UNDISCLOSED LT-UNK ] FEP BROWN COLOR CONCENTRATE [ 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE LT-UNK C.I. PIGMENT BROWN 33 LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-1 | CAN | MUL UNDISCLOSED LT-UNK SILICA, AMORPHOUS LT-UNK TITANIUM DIOXIDE LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | RES ]

Number of Greenscreen BM-4/BM3 contents..... 2  
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1  
Nanomaterial..... No

### INVENTORY AND SCREENING NOTES:

#### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

#### CERTIFICATIONS AND COMPLIANCE

LCA: Environmental Product Declaration

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: July 20, 2016	EXPIRY DATE*: July 20, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: July 20, 2016	* or within 3 months of significant change in product contents
*See HPDC website for details			



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### RISER JACKET 6

#: 28.3200 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

#### UNDISCLOSED

%: 0.0000 - 100.0000 GS: BM-3 RC: None NANO: NO ROLE: Flame Retardant

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

%: 0.0000 - 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Polymer

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

%: 0.0000 - 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Polymer

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

%: 0.0000 - 100.0000 GS: LT-P1 RC: None NANO: NO ROLE: Processing Aid

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

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**

%: 0.0000 - 100.0000

GS:

RC: None

NANO: NO

ROLE: Flame Retardant

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority 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**

%: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority 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**

%: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Crosslinking Agent

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority 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**

%: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Antioxidant

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority 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

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Antioxidant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Lubricant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: 0.0000 - 100.0000

GS:

RC: None

NANO: NO

ROLE: Antioxidant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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.

COPPER CONDUCTOR

#: 27.3200 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

COPPER

ID: 7440-50-8

#: 100.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Conductivity

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**PLENUM WIRE INSULATION** %: 21.2300 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE ID: 25067-11-2

%: 95.0000 - 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Wire insulation

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**UNDISCLOSED**

%: 0.8000 - 25.0000 GS: LT-UNK RC: None NANO: NO ROLE: Charring Agent 3

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

SKIN IRRITATION EU - R-phrases R38 - Irritating to skin

ACUTE AQUATIC EU - R-phrases R52 - Harmful to Aquatic Organisms

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

%: 0.0000 - 5.0000 GS: LT-UNK RC: None NANO: NO ROLE: Foaming Agent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**FEP CROSSWEB** %: 11.1800 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE ID: 25067-11-2

%: 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Crossweb  
Polymer

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

**ALUM/PET TAPE**

%: 9.3300 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

**POLYETHYLENE TEREPHTHALATE (PET)**

ID: 25038-59-9

%: 60.0000 - 70.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Film

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

**ALUMINUM**

ID: 7429-90-5

%: 30.0000 - 40.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Foil

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

PHYSICAL HAZARD  
(REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

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: 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.

**DRAIN WIRE**

%: 2.3500 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

COPPER

ID: 7440-50-8

#: 80.0000 - 100.0000 GS: LT-P1 RC: None NANO: NO ROLE: Drain Wire Conductor

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TIN

ID: 7440-31-5

#: 0.0000 - 20.0000 GS: LT-UNK RC: None NANO: NO ROLE: Oxidation Inhibition

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BLUE JACKETING PIGMENT #: 0.1200 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

UNDISCLOSED

#: 0.0000 - 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Colored Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: 0.0000 - 100.0000 GS: BM-3 RC: None NANO: NO ROLE: Non-phthalate Plasticizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Stabilizer

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority 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

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Carrier Resin

**HAZARDS:**

**AGENCY(IES) WITH 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

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Extender Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority 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.

**FEP WHITE COLOR CONCENTRATE**    %: 0.0700    HPD URL:

Inventory Threshold: 1000 ppm      Residuals Considered: No

Material Notes:

**SILICA, AMORPHOUS**

ID: 7631-86-9

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:



%: 0.0000 - 100.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen (form-specific or based on limited exposure pathways)

CANCER

IARC

Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

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

## SUBSTANCE NOTES:

## UNDISCLOSED

%: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

## SUBSTANCE NOTES:

## UNDISCLOSED

%: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

## SUBSTANCE NOTES:

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

ID: 25067-11-2

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Carrier Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

FEP BLUE COLOR CONCENTRATE %: 0.0200 HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes:

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

ID: 25067-11-2

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Carrier Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

C.I. PIGMENT BLUE 28

ID: 1345-16-0

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

#: 0.0000 - 100.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen (form-specific or based on limited exposure pathways)

CANCER

IARC

Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

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

SUBSTANCE NOTES:

SILICA, AMORPHOUS

ID: 7631-86-9

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES:

FEP ORANGE COLOR CONCENTRATE #: 0.0200 HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes:

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

ID: 25067-11-2

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Carrier Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**BISMUTH VANADIUM TETRAOXIDE**

ID: 14059-33-7

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES:

**UNDISCLOSED**

#: 0.0000 - 100.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

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:

**UNDISCLOSED**

#: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**FEP GREEN COLOR CONCENTRATE** #: 0.0200 HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes:

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

ID: 25067-11-2

%: 0.0000 - 100.0000    GS: LT-UNK    RC: None    NANO: NO    ROLE: Carrier Resin

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILICA, AMORPHOUS

ID: 7631-86-9

%: 0.0000 - 100.0000    GS: LT-UNK    RC: None    NANO: NO    ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.0000 - 100.0000    GS: LT-1    RC: None    NANO: NO    ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen (form-specific or based on limited exposure pathways)
CANCER	IARC	Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.0000 - 100.0000    GS: LT-UNK    RC: None    NANO: NO    ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY      AOEC - Asthmagens      Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.0000 - 100.0000      GS: UNK      RC: None      NANO: NO      ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**FEP BROWN COLOR CONCENTRATE**    %: 0.0200    HPD URL:

Inventory Threshold: 1000 ppm      Residuals Considered: No

Material Notes:

1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE      ID: 25067-11-2

%: 0.0000 - 100.0000    GS: LT-UNK    RC: None    NANO: NO    ROLE: Carrier Resin

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**C.I. PIGMENT BROWN 33**

ID: 68186-88-9

%: 0.0000 - 100.0000    GS: LT-UNK    RC: None    NANO: NO    ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**UNDISCLOSED**

%: 0.0000 - 100.0000    GS: LT-UNK    RC: None    NANO: NO    ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**UNDISCLOSED**

%: 0.0000 - 100.0000    GS: LT-1    RC: None    NANO: NO    ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER	EU - R-phrases	R45 - May cause cancer
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

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Pigment

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILICA, AMORPHOUS

ID: 7631-86-9

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Pigment

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.0000 - 100.0000      GS: LT-1      RC: None      NANO: NO      ROLE: Pigment

HAZARDS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen (form-specific or based on limited exposure pathways)

CANCER

IARC

Group 2b: Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

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

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.0000 - 100.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:



None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES:



### Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

#### LCA

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Two facilities in the Southeastern region of the US

CERTIFICATE URL:

<http://www.panduit.com/ccurl/957/585/environmental%20product%20decl-cat6a-plenum.pdf>

CERTIFICATION AND COMPLIANCE NOTES:

#### Environmental Product Declaration

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2016-03-31	2021-03-31	UL Environment



### 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.



### Section 5: General Notes

This Health Product Declaration has been prepared by Sustainable Solutions Corporation.



**MANUFACTURER INFORMATION**

MANUFACTURER: Panduit Corp.

CONTACT NAME: Technical Support

ADDRESS: 18900 Panduit Dr  
Tinley Park, IL 60487  
USA

TITLE: .

PHONE: 866-405-6654

WEBSITE: www.panduit.com

EMAIL: TechSupport@panduit.com

**KEY**

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet  
**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

- |                                       |  |  |
|---------------------------------------|--|--|
| <b>AQU</b> Aquatic toxicity           | <b>GLO</b> Global warming                    | <b>PHY</b> Physical Hazard (reactive)                |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity | <b>REP</b> Reproductive toxicity                     |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple hazards                  | <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>OZO</b> Ozone depletion                   | <b>LAN</b> Land Toxicity                             |
| <b>GEN</b> Gene mutation              | <b>PBT</b> Persistent Bioaccumulative Toxic  | <b>NF</b> Not found on Priority Hazard Lists         |

GreenScreen (GS)

- |   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)   | <b>LT-P1</b> List Translator Possible Benchmark 1  |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) BM-2 Benchmark 2 (use but search for safer substitutes) | <b>LT-1</b> List Translator Likely Benchmark 1   |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)  | <b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| <b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)  | <b>UNK</b> Unknown (no data on List Translator Lists)  |

Recycled Types

- PreC** Preconsumer (Post-Industrial)
- PostC** Postconsumer
- Both** Both Preconsumer and Postconsumer
- Unk** Inclusion of recycled content is unknown
- None** Does not include recycled content

Other

- Nano** Composed of nanoscale particles or nanotechnology

Declaration Level

- Self-declared** Manufacturer's self-declaration (First Party)
- Independent Lab** Manufacturer's self-declaration using results from an independent lab
- Second Party** Verification by trade association or other interested party
- Third Party** Verification by independent certifier
- 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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.