GenSPEED 5000 Category 5e F/UTP (ScTP) Riser Cable by Prysmian Group

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 21566

CLASSIFICATION: 27 10 00 Structured Cabling

PRODUCT DESCRIPTION: GenSPEED® 5000 Category 5e F/UTP (ScTP), Part number: 2133496E. Standards-compliant, GenSPEED 5000 F/UTP features a foil-shield for reduced electromagnetic interference (EMI) and optimal performance.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

Nested Materials Method

C Basic Method

Threshold Disclosed Per

C Material

Product

Threshold level C 100 ppm O 1,000 ppm C Per GHS SDS O Other

Residuals/Impurities

Residuals/Impurities Considered in 11 of 11 Materials

Explanation(s) provided for Residuals/Impurities? All Substances Above the Threshold Indicated Are:

Characterized C Yes Ex/SC • Yes C No % weight and role provided for all substances.

Screened O Yes Ex/SC O Yes O No

All substances screened using Priority Hazard Lists with results disclosed.

Identified

○ Yes Ex/SC ○ Yes ⊙ No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

CONTENT IN DESCENDING ORDER OF QUANTITY

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

MATERIAL | SUBSTANCE | *RESIDUAL OR IMPURITY* GREENSCREEN SCORE | HAZARD TYPE

RISER JACKET 2 [POLYVINYL CHLORIDE (PVC) LT-P1 | RES ALUMINA TRIHYDRATE BM-2 TRIOCTYL BENZENE-1,2,4-TRICARBOXYLATE LT-UNK UNDISCLOSED LT-P1 | PBT | AQU | CAN ANTIMONY TRIOXIDE BM-1 | CAN | MUL] COPPER CONDUCTOR [COPPER LT-P1 | MUL] RISER **CABLE INSULATION [1-HEXENE, POLYMER WITH ETHENE LT-UNK** MYLAR/ALUM TAPE [ALUMINUM (PRIMARY CASRN IS 7429-90-5) BM-1] RES | PHY | END] 7/32 TC DRAIN WIRE [COPPER LT-P1 | MUL TIN LT-UNK] BLUE JACKETING PIGMENT [UNDISCLOSED BM-3 UNDISCLOSED BM-3dg UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | RES UNDISCLOSED BM-3] WHITE COLOR CONCENTRATE HDPE [UNDISCLOSED LT-1 | CAN | END POLYETHYLENE LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK] BLUE COLOR CONCENTRATION HDPE [POLYETHYLENE LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-1 | CAN | END] ORANGE COLOR CONCENTRATE HDPE [UNDISCLOSED BM-3 POLYETHYLENE LT-UNK UNDISCLOSED LT-1 | CAN | END UNDISCLOSED LT-P1 | RES] GREEN COLOR CONCENTRATE HDPE [UNDISCLOSED LT-1 | CAN | END POLYETHYLENE LT-UNK UNDISCLOSED BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK] BROWN COLOR CONCENTRATE HDPE [POLYETHYLENE LT-UNK UNDISCLOSED BM-3 UNDISCLOSED BM-1 CAN UNDISCLOSED LT-1 | CAN | END UNDISCLOSED LT-P1 | MUL UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-UNK]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

Number of Greenscreen BM-4/BM3 contents ... 7

Contents highest concern GreenScreen

Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The product was screened to 1000 parts per million or $0.1\,\%$

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?

C Yes

PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2020-09-02 PUBLISHED DATE: 2020-09-02 EXPIRY DATE: 2023-09-02 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

RISER JACKET 2	%: 38.9400				
product threshold: 1000 ppm	RESIDUALS AND IMPURITIES CO	NSIDERED: Yes	MATERI	AL TYPE: Polymeri	c Material
RESIDUALS AND IMPURITIES NOTES: Rehreshold.	esiduals and Impurities were c	onsidered and de	etermined t	o below the 100	0 ppm
OTHER MATERIAL NOTES:					
POLYVINYL CHLORIDE (PVC)					ID: 9002-86-2
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREEN	ING DATE: 2020)-09-02	
%: 40.0000 - 50.0000	GS: LT-P1	RC: None	NANO: NO	SUBSTANCE ROLE:	Insulator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	àS		
RESPIRATORY	AOEC - Asthmagens	Asthma	agen (Rs) - sen	sitizer-induced	
SUBSTANCE NOTES: The formulation each substance have been disc	n range and the material content is p closed.	proprietary to the su	ipplier; nowe		
each substance have been disc	closed.	HAZARD SCREENING			
each substance have been disc ALUMINA TRIHYDRATE	closed.	HAZARD SCREENING	date: 2020-0		ID: 21645-51- 2
each substance have been disc ALUMINA TRIHYDRATE HAZARD SCREENING METHOD: Pharos	closed. Chemical and Materials Library	HAZARD SCREENING	a date: 2020-0 9	9-02	ID: 21645-51-2
each substance have been disc ALUMINA TRIHYDRATE HAZARD SCREENING METHOD: Pharos %: 20.0000 - 30.0000	Chemical and Materials Library GS: BM-2	HAZARD SCREENING RC: None NA	a date: 2020-0 9 NO: No su	9-02	ID: 21645-51-2 e retardant
each substance have been disc ALUMINA TRIHYDRATE HAZARD SCREENING METHOD: Pharos %: 20.0000 - 30.0000 HAZARD TYPE None found	Chemical and Materials Library GS: BM-2 AGENCY AND LIST TITLES	HAZARD SCREENING RC: None NA WARNING	a date: 2020-0 9 No: No su SS No warnin	9-02 JBSTANCE ROLE: Flam	ID: 21645-51-2 e retardant ority Hazard Lists
each substance have been disc ALUMINA TRIHYDRATE HAZARD SCREENING METHOD: Pharos %: 20.0000 - 30.0000 HAZARD TYPE None found SUBSTANCE NOTES: The formulation	Chemical and Materials Library GS: BM-2 AGENCY AND LIST TITLES	HAZARD SCREENING RC: None NA WARNING	a date: 2020-0 9 No: No su SS No warnin	9-02 JBSTANCE ROLE: Flam	ID: 21645-51-2 e retardant ority Hazard Lists h hazards of
each substance have been disc ALUMINA TRIHYDRATE HAZARD SCREENING METHOD: Pharos %: 20.0000 - 30.0000 HAZARD TYPE None found SUBSTANCE NOTES: The formulation each substance have been disc	Chemical and Materials Library GS: BM-2 AGENCY AND LIST TITLES n range and the material content is p closed.	HAZARD SCREENING RC: None NA WARNING	No: No su No: No su No warnin	9-02 JBSTANCE ROLE: Flam	ID: 21645-51-2 e retardant ority Hazard Lists h hazards of
each substance have been disc ALUMINA TRIHYDRATE HAZARD SCREENING METHOD: Pharos %: 20.0000 - 30.0000 HAZARD TYPE None found SUBSTANCE NOTES: The formulation each substance have been disc TRIOCTYL BENZENE-1,2,4-TRIC	Chemical and Materials Library GS: BM-2 AGENCY AND LIST TITLES n range and the material content is p closed.	HAZARD SCREENING RC: None NA WARNING	No: No su No: No su No warnin	9-02 JBSTANCE ROLE: Flam	ID: 21645-51-2 e retardant ority Hazard Lists h hazards of ID: 89-04-3
each substance have been disc ALUMINA TRIHYDRATE HAZARD SCREENING METHOD: Pharos %: 20.0000 - 30.0000 HAZARD TYPE None found SUBSTANCE NOTES: The formulation each substance have been disc TRIOCTYL BENZENE-1,2,4-TRIC HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library GS: BM-2 AGENCY AND LIST TITLES In range and the material content is p closed. CARBOXYLATE Chemical and Materials Library	HAZARD SCREENING RC: None NA WARNING Droprietary to the su	NO: NO SU NO: NO SU No warnin Ipplier; howev	9-02 JBSTANCE ROLE: Flam ugs found on HPD Pri ver the known healt	ID: 21645-51-2 e retardant ority Hazard Lists h hazards of ID: 89-04-3

AGENCY AND LIST TITLES

WARNINGS

No warnings found on HPD Priority Hazard Lists

None found

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02		
%: 0.0000 - 5.0000	GS: LT-P1	RC: None	NANO: NO	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS	
РВТ	EC - CEPA DSL		,	nulative and inherently Toxic (PBiTE) to sed on aquatic organisms)
CHRON AQUATIC	US EPA - PPT Chemical Action Plans	Highl	y toxic to aquat	ic organisms
CANCER	МАК		inogen Group 3 ot sufficient for	B - Evidence of carcinogenic effects classification

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

ANTIMONY TRIOXIDE		ıd: 1309-64	I-4	
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	Ary HAZARD SCREENING DATE: 2020-09-02		
%: 0.0000 - 5.0000	GS: BM-1	RC: None NANO: NO SUBSTANCE ROLE: Flame retardant		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	IARC	Group 2b - Possibly carcinogenic to humans		
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer		
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
CANCER	МАК	Carcinogen Group 2 - Considered to be carcinogenic for man		
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen		
CANCER	CA EPA - Prop 65	Carcinogen		
CANCER	GHS - Japan	Carcinogenicity - Category 1B [H350]		

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

COPPER CONDUCTOR

%: 36.1600

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

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: Phar	os Chemical and Materials Library	HAZARD SCREEN	IING DATE: 2020-	-09-02
%: 100.0000 - 100.0000	GS: LT-P1	RC: None	NANO: NO	SUBSTANCE ROLE: Conductor
HAZARD TYPE	AGENCY AND LIST TITLES	WARNIN	NGS	
MULTIPLE	German FEA - Substances Hazardous Waters	to Class	2 - Hazard to W	laters
SUBSTANCE NOTES: The formula each substance have been o	tion range and the material content is pr disclosed.	oprietary to the s	supplier; howe	ver the known health hazards of
	N %: 10.6000			
RISER CABLE INSULATION	1 RESIDUALS AND IMPURITIES CON			AL TYPE: Polymeric Material
PRODUCT THRESHOLD: 1000 ppn				-
PRODUCT THRESHOLD: 1000 ppn RESIDUALS AND IMPURITIES NOTES: hreshold.	n RESIDUALS AND IMPURITIES CON Residuals and Impurities were co			-
PRODUCT THRESHOLD: 1000 ppn RESIDUALS AND IMPURITIES NOTES: hreshold. DTHER MATERIAL NOTES: 1-HEXENE, POLYMER WITH	n RESIDUALS AND IMPURITIES CON Residuals and Impurities were co	nsidered and d		to below the 1000 ppm
PRODUCT THRESHOLD: 1000 ppn RESIDUALS AND IMPURITIES NOTES: hreshold. DTHER MATERIAL NOTES: 1-HEXENE, POLYMER WITH	RESIDUALS AND IMPURITIES CON Residuals and Impurities were co	nsidered and d	determined t	to below the 1000 ppm
PRODUCT THRESHOLD: 1000 ppn RESIDUALS AND IMPURITIES NOTES: hreshold. DTHER MATERIAL NOTES: 1-HEXENE, POLYMER WITH HAZARD SCREENING METHOD: Phar	n RESIDUALS AND IMPURITIES CON Residuals and Impurities were co ETHENE os Chemical and Materials Library	HAZARD SCREE	determined t Ening date: 2020 NANO: No	to below the 1000 ppm ID: 25213-02- 0-09-02
PRODUCT THRESHOLD: 1000 ppn RESIDUALS AND IMPURITIES NOTES: hreshold. DTHER MATERIAL NOTES: 1-HEXENE, POLYMER WITH HAZARD SCREENING METHOD: Phar %: 99.5000 - 100.0000	RESIDUALS AND IMPURITIES CON Residuals and Impurities were co ETHENE os Chemical and Materials Library GS: LT-UNK	HAZARD SCREE RC: None	ENING DATE: 2020 NANO: NO	to below the 1000 ppm ID: 25213-02- 0-09-02
PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES NOTES: hreshold. DTHER MATERIAL NOTES: 1-HEXENE, POLYMER WITH HAZARD SCREENING METHOD: Phar %: 99.5000 - 100.0000 HAZARD TYPE None found	Residuals and Impurities were co ETHENE OS Chemical and Materials Library GS: LT-UNK AGENCY AND LIST TITLES tion range and the material content is pr	HAZARD SCREE RC: None WARNIN	Determined t ENING DATE: 2020 NANO: NO NGS No warnir	to below the 1000 ppm ID: 25213-02- 0-09-02 SUBSTANCE ROLE: Insulator

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

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

OTHER MATERIAL NOTES:

ALUMINUM (PRIMARY CASRN I	ALUMINUM (PRIMARY CASRN IS 7429-90-5)			ID: 477951-22-7
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCRE	EENING DATE: 202	0-09-02
%: 1.4400	GS: BM-1	RC: None	NANO: NO	SUBSTANCE ROLE: Insulator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNIN	GS	
RESPIRATORY	AOEC - Asthmagens	Asthm	agen (Rs) - sensi	itizer-induced
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250	- Catches fire spo	ontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261	- In contact with	water releases flammable gases
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Poten	tial Endocrine Dis	sruptor

7/32 TC DRAIN WIRE	%: 4.9100	
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:

AZARD SCREENING METHOD: Phai	ros Chemical and Materials Library	HAZARD SCREEM	NING DATE: 202	0-09-02
6: 97.0000 - 100.0000	GS: LT-P1	RC: None	NANO: NO	SUBSTANCE ROLE: Conductor
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS	
MULTIPLE	German FEA - Substances Hazardous Waters	s to Class	2 - Hazard to	Waters
SUBSTANCE NOTES: The formula each substance have been	ation range and the material content is p disclosed.	roprietary to the s	supplier; how	ever the known health hazards of
ГІМ				iD: 7440-3 1
HAZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCREE	NING DATE: 202	20-09-02
%: 1.0000 - 3.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Antioxidant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS	
None found			No warn	ings found on HPD Priority Hazard List
SUBSTANCE NOTES: The formula each substance have been	ation range and the material content is pr disclosed.	roprietary to the s	supplier; how	ever the known health hazards of
each substance have been	disclosed.	roprietary to the s	supplier; how	ever the known health hazards of
	disclosed. INT %: 0.3100			EVER THE KNOWN HEALTH HAZARDS OF
each substance have been UE JACKETING PIGME ODUCT THRESHOLD: 1000 ppr SIDUALS AND IMPURITIES NOTES:	disclosed. INT %: 0.3100	NSIDERED: Yes	MATE	RIAL TYPE: Polymeric Material
each substance have been LUE JACKETING PIGME ODUCT THRESHOLD: 1000 ppr SIDUALS AND IMPURITIES NOTES: reshold.	MINT %: 0.3100 m RESIDUALS AND IMPURITIES CO	NSIDERED: Yes	MATE	RIAL TYPE: Polymeric Material
each substance have been	MINT %: 0.3100 m RESIDUALS AND IMPURITIES CO	NSIDERED: Yes	MATE	RIAL TYPE: Polymeric Material
each substance have been UE JACKETING PIGME oduct threshold: 1000 ppr siduals and impurities notes: reshold. HER MATERIAL NOTES: UNDISCLOSED	MINT %: 0.3100 m RESIDUALS AND IMPURITIES CO	INSIDERED: Yes	MATE	RIAL TYPE: Polymeric Material to below the 1000 ppm
each substance have been UE JACKETING PIGME oduct threshold: 1000 ppr SIDUALS AND IMPURITIES NOTES: reshold. HER MATERIAL NOTES: JNDISCLOSED	MIT %: 0.3100 M RESIDUALS AND IMPURITIES CO Residuals and Impurities were co	INSIDERED: Yes	MATE	RIAL TYPE: Polymeric Material to below the 1000 ppm
each substance have been UE JACKETING PIGME ODUCT THRESHOLD: 1000 ppr SIDUALS AND IMPURITIES NOTES: reshold. HER MATERIAL NOTES: UNDISCLOSED HAZARD SCREENING METHOD: Pha	disclosed. NT %: 0.3100 m RESIDUALS AND IMPURITIES CO : Residuals and Impurities were co ros Chemical and Materials Library	INSIDERED: Yes	MATE determined	RIAL TYPE: Polymeric Material to below the 1000 ppm 20-09-02
each substance have been UE JACKETING PIGME DDUCT THRESHOLD: 1000 ppr SIDUALS AND IMPURITIES NOTES: reshold. HER MATERIAL NOTES: JNDISCLOSED AZARD SCREENING METHOD: Phan 6: 0.0000 - 100.0000	disclosed. NT %: 0.3100 m RESIDUALS AND IMPURITIES CO : Residuals and Impurities were co ros Chemical and Materials Library GS: BM-3	NSIDERED: Yes Insidered and o HAZARD SCREE RC: None	MATE determined ENING DATE: 202 NANO: No	RIAL TYPE: Polymeric Material to below the 1000 ppm 20-09-02

AZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCRE	ENING DATE: 202	0-09-02
: 0.0000 - 100.0000				SUBSTANCE ROLE: Plasticizer
0.0000 - 100.0000	GS: BM-3dg	RC: None	nano: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS	
None found			No warni	ngs found on HPD Priority Hazard Lis
	nce and its formulation ranges in this ma ned against the relevant HPD hazard lists.		ed proprietary	to the supplier; however, this
INDISCLOSED				
AZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCRE	ENING DATE: 202	0-09-02
: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNI	NGS	
None found			No warni	ngs found on HPD Priority Hazard Lis
	ned against the relevant HPD hazard lists.	terial is consider		
AZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD SCRE		
AZARD SCREENING METHOD: Pha	-		ENING DATE: 202 NANO: NO	20-09-02 SUBSTANCE ROLE: Carrier
NDISCLOSED AZARD SCREENING METHOD: Pha : 0.0000 - 100.0000	ros Chemical and Materials Library	HAZARD SCRE	NANO: NO	
AZARD SCREENING METHOD: Pha	ros Chemical and Materials Library GS: LT-P1	HAZARD SCRE RC: None WARNI	NANO: No	
INDISCLOSED AZARD SCREENING METHOD: Pha 6: 0.0000 - 100.0000 HAZARD TYPE RESPIRATORY SUBSTANCE NOTES: The substa	ros Chemical and Materials Library GS: LT-P1	HAZARD SCRE RC: None WARNI Asthr	NANO: No NGS nagen (Rs) - ser	SUBSTANCE ROLE: Carrier
AZARD SCREENING METHOD: Pha : 0.0000 - 100.0000 HAZARD TYPE RESPIRATORY SUBSTANCE NOTES: The substa	ros Chemical and Materials Library GS: LT-P1 AGENCY AND LIST TITLES AOEC - Asthmagens	HAZARD SCRE RC: None WARNI Asthr	NANO: No NGS nagen (Rs) - ser	SUBSTANCE ROLE: Carrier
NDISCLOSED AZARD SCREENING METHOD: Pha : 0.0000 - 100.0000 HAZARD TYPE RESPIRATORY SUBSTANCE NOTES: The substa substance has been screer NDISCLOSED	ros Chemical and Materials Library GS: LT-P1 AGENCY AND LIST TITLES AOEC - Asthmagens	HAZARD SCRE RC: None WARNI Asthr terial is consider	NANO: No NGS nagen (Rs) - ser	SUBSTANCE ROLE: Carrier Insitizer-induced to the supplier; however, this
NDISCLOSED AZARD SCREENING METHOD: Pha : 0.0000 - 100.0000 HAZARD TYPE RESPIRATORY SUBSTANCE NOTES: The substa substance has been screer NDISCLOSED	ros Chemical and Materials Library GS: LT-P1 AGENCY AND LIST TITLES AOEC - Asthmagens ance and its formulation ranges in this maned against the relevant HPD hazard lists.	HAZARD SCRE RC: None WARNI Asthr terial is consider	NANO: No Nas nagen (Rs) - ser	SUBSTANCE ROLE: Carrier Insitizer-induced to the supplier; however, this 20-09-02
NDISCLOSED AZARD SCREENING METHOD: Pha CO.0000 - 100.0000 HAZARD TYPE RESPIRATORY SUBSTANCE NOTES: The substate substance has been screeer NDISCLOSED AZARD SCREENING METHOD: Pha CO.0000 - 100.0000	ros Chemical and Materials Library GS: LT-P1 AGENCY AND LIST TITLES AOEC - Asthmagens unce and its formulation ranges in this maned against the relevant HPD hazard lists.	HAZARD SCRE RC: None WARNI Asthr terial is consider	NANO: No NGS nagen (Rs) - ser ed proprietary EEENING DATE: 20 NANO: NO	SUBSTANCE ROLE: Carrier Insitizer-induced to the supplier; however, this 20-09-02
NDISCLOSED AZARD SCREENING METHOD: Pha CO.0000 - 100.0000 HAZARD TYPE RESPIRATORY SUBSTANCE NOTES: The substa substance has been screer NDISCLOSED AZARD SCREENING METHOD: Pha	ros Chemical and Materials Library GS: LT-P1 AGENCY AND LIST TITLES AOEC - Asthmagens unce and its formulation ranges in this maned against the relevant HPD hazard lists.	HAZARD SCRE RC: None WARNI Asthr terial is consider HAZARD SCR RC: None	NANO: No NGS ed proprietary EEENING DATE: 20 NANO: No	SUBSTANCE ROLE: Carrier Insitizer-induced to the supplier; however, this 20-09-02

PRODUCT THRESHOLD: 1000 ppm

/0. 0.1200

MATERIAL TYPE: Polymeric Material

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

RESIDUALS AND IMPURITIES CONSIDERED: Yes

OTHER MATERIAL NOTES:

UNDISCLOSED

HAZARD SCREENING METHOD: Pha	ros Chemical and Materials Library	HAZARD S	CREENING DATE: 2020-0	09-02
%: 0.0000 - 100.0000	GS: LT-1	RC: Non	e NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WAI	RNINGS	
CANCER	US CDC - Occupational Carcinogens	Oc	cupational Carcinogen	
CANCER	МАК	MAK Carcinogen Group 3A - Evidence of carci but not sufficient to establish MAK/BAT v		e e e e e e e e e e e e e e e e e e e
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or expos		hemical form or exposure route
CANCER	IARC		oup 2B - Possibly carci cupational sources	nogenic to humans - inhaled from
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Po	tential Endocrine Disru	ptor
CANCER	МАК		rcinogen Group 4 - Nor k under MAK/BAT level	n-genotoxic carcinogen with low s

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.

HAZARD SCREENING METHOD: Pha	HAZARD SCREENING DATE: 2020-09-02			
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Carrier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	S	
None found			No warnings	found on HPD Priority Hazard List

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 MAZARD SCREENING METHOD: Pharos Chemical and Materials Library MAZARD SCREENING DATE: 2020-09-02 %: 0.0000 - 100.0000 GS: BM-3 RC: None: None: None: SUBSTANCE ROLE: Dye MAZARD TYPE AGENCY AND LIST TITLES WARNINGS Varnings found on HPD Priority Hazard Lists

UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-02				
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings fo	und on HPD Priority Hazard Lists
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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.

BLUE COLOR CONCENTRATION HDPE	%: 0.0300	
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Residuals and I threshold.	mpurities were considered and determin	ed to below the 1000 ppm

OTHER MATERIAL NOTES:

POLYETHYLENE				ID: 9002-88-4
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREEN	ING DATE: 2020-	09-02
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Carrier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings	found on HPD Priority Hazard Lists
SUBSTANCE NOTES: The formu each substance have been	llation range and the material content is p n disclosed.	roprietary to the sup	pplier; however	the known health hazards of
UNDISCLOSED				
HAZARD SCREENING METHOD: Ph	aros Chemical and Materials Library	HAZARD SCREE	NING DATE: 2020	-09-02
%: 0.0000 - 100.0000	GS: BM-3	RC: None	NANO: NO	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings	found on HPD Priority Hazard Lists
SUBSTANCE NOTES: The formu each substance have been	llation range and the material content is p n disclosed.	roprietary to the sup	pplier; however	the known health hazards of
UNDISCLOSED				
HAZARD SCREENING METHOD: Pha	aros Chemical and Materials Library	HAZARD SCREEM	NING DATE: 2020-	09-02
v. 0.0000 100.0000		Do None		

%: 0.0000 - 100.0000	GS: LT-1	RC: None	NANO: NO	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	US CDC - Occupational Carcinogens	Occupat	ional Carcinogen	
CANCER	МАК			idence of carcinogenic effects ish MAK/BAT value
CANCER	CA EPA - Prop 65	Carcinog	gen - specific to cl	nemical form or exposure route
CANCER	IARC		B - Possibly carcir ional sources	nogenic to humans - inhaled from
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potentia	I Endocrine Disrup	otor
CANCER	МАК	•	gen Group 4 - Non er MAK/BAT levels	-genotoxic carcinogen with low

ORANGE COLOR CONCENTRATE HDPE %: 0.0300

MATERIAL TYPE: Polymeric Material

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

OTHER MATERIAL NOTES:

UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-02				
%: 0.0000 - 100.0000	GS: BM-3	RC: None	NANO: NO	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings fo	ound on HPD Priority Hazard Lists

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

POLYETHYLENE				ID: 9002-88-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-02				
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Carrier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	8	
None found			No warnings	found on HPD Priority Hazard Lists

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02			
%: 0.0000 - 100.0000	GS: LT-1	RC: None NANO: No SUBSTANCE ROLE: Dye			
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen			
CANCER	МАК	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value			
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route			
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled fron occupational sources			
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor			
CANCER	МАК	Carcinogen Group 4 - Non-genotox risk under MAK/BAT levels	ic carcinogen with low		

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2020-09-02			
%: 0.0000 - 100.0000	GS: LT-P1	RC: None	NANO: NO	SUBSTANCE ROLE: Dye		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS				
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced				

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

GREEN COLOR CONCENTRATE HDPE %: 0.0

PRODUCT THRESHOLD: 1000 ppm

%: 0.0300

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

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

OTHER MATERIAL NOTES:

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02		
%: 0.0000 - 100.0000	GS: LT-1	RC: None NANO: No SUBSTANCE ROLE: Dye		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	МАК	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled fror occupational sources		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
CANCER	МАК	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		

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

POLYETHYLENE ID: 9002-88-4 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-02 %: 0.0000 - 100.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Carrier

AGENCY AND LIST TITLES

WARNINGS

No warnings found on HPD Priority Hazard Lists

None found

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02		
%: 0.0000 - 100.0000	GS: BM-3	RC: None	NANO: NO	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings four	d on HPD Priority Hazard Lists

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02		
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings fo	und on HPD Priority Hazard Lists

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02		
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	GS	
None found			No warnin	gs 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.

BROWN COLOR CONCENTRATE HDPE

%: 0.0300

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

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

OTHER MATERIAL NOTES: POLYETHYLENE ID: 9002-88-4 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-02 %: 0.0000 - 100.0000 GS: LT-UNK RC: None NANO: **NO** SUBSTANCE ROLE: Carrier HAZARD TYPE AGENCY AND LIST TITLES WARNINGS None found No warnings found on HPD Priority Hazard Lists SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-02 %: 0.0000 - 100.0000 GS: BM-3 RC: None NANO: **NO** SUBSTANCE ROLE: Dye HAZARD TYPE AGENCY AND LIST TITLES WARNINGS No warnings found on HPD Priority Hazard Lists None found 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 DATE: 2020-09-02 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library %: 0.0000 - 100.0000 GS: BM-1 BC: None NANO: NO SUBSTANCE ROLE: Dye HAZARD TYPE AGENCY AND LIST TITLES WARNINGS CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-02 %: 0.0000 - 100.0000 GS: LT-1 RC: None NANO: NO SUBSTANCE ROLE: Dye

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02			
%: 0.0000 - 100.0000	GS: LT-P1	RC: None	NANO: NO	SUBSTANCE ROLE: Dye	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters		Waters	

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02		
%: 0.0000 - 100.0000	GS: BM-1	RC: None NANO: No SUBSTANCE ROLE: Dye		
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	МАК	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		

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

UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-02		
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	SUBSTANCE ROLE: Dye
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings fo	und on HPD Priority Hazard Lists

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	VOC Emissions			
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All facilities	ISSUE DATE: 2019- 06-26	EXPIRY DATE:	CERTIFIER OR LAB: Self-declared		
CERTIFICATE URL:					

CERTIFICATION AND COMPLIANCE NOTES:

😑 Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

This Health Product Declaration was prepared by Sustainable Solutions Corporation of Royersford, PA on behalf of General Cable.

MANUFACTURER INFORMATION

MANUFACTURER: **Prysmian Group** ADDRESS: **4 Tesseneer Rd Highland Heights KY 41076, United States** WEBSITE: **https://www.prysmiangroup.com/en** CONTACT NAME: Matt Marcus TITLE: Product Line Management PHONE: 859-386-9781 EMAIL: matt.marcus@prysmiangroup.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

- AQU Aquatic toxicity CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation GLO Global warming
- LAN Land toxicity MAM Mammalian/systemic/organ toxicity MUL Multiple NEU Neurotoxicity NF Not found on Priority Hazard Lists OZO Ozone depletion PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive) REP Reproductive RES Respiratory sensitization SKI Skin sensitization/irritation/corrosivity UNK Unknown

LT-1 List Translator 1 (Likely Benchmark-1) LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) NoGS No GreenScreen.

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)

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.