Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 21558

CLASSIFICATION: 27 10 00 Structured Cabling
PRODUCT DESCRIPTION: GenSPEED® 5000 Category 5e, Part number: 5131278E Standards-compliant with performance guaranteed to 200 MHz, GenSPEED 5000 is engineered to provide stable and continuous performance. GenSPEED® 5350 Enhanced Category 5e, Part number: 6131690 With performance guaranteed to 350 MHz, GenSPEED 5350 features a 24 AWG design and ensures headroom over the ANSI/TIA 568.2-D performance standard. GenSPEED® 5500 Premium Category 5e, Part number: 6131278 With performance guaranteed to 350 MHz, GenSPEED 5500 ensures increased headroom for future applications, lower bit-error rates and higher signal transmission quality while also providing enhanced signal-to-noise ratio for improved bit-error rate.

Section 1: Summary

Nested Method / Product Threshold

○ Yes Ex/SC Yes No

CONTENT INVENTORY

Inventory Reporting Format

Nested Materials Method C Basic Method

Threshold Disclosed Per

C Material

Product

Threshold level C 100 ppm

€ 1,000 ppm

C Per GHS SDS

C Other

Residuals/Impurities

Residuals/Impurities Considered in 10 of 10 Materials

Yes ○ No

All Substances Above the Threshold Indicated Are:

Characterized

% weight and role provided for all substances.

 ○ Yes Ex/SC Yes No Screened

All substances screened using Priority Hazard Lists with results disclosed.

 ○ Yes Ex/SC ○ Yes ○ No. Identified 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

GREENSCREEN SOORE | HAZARD TYPE

COPPER CONDUCTOR | COPPER LT-P1 | MULI PLENUM JACKET | POLYVINYL CHLORIDE (PVC) LT-P1 | RES ALUMINA TRIHYDRATE BM2 UNDISCLOSED LT-UNK | INDISCLOSED BM-2 | IPBT | MULI UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | END PLENUM WIRE INSULATION | 1-PROPENE, 1,1,2,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUORO-, POLYMER WITH TETRAFLUORO-, POLYMER WITH TETRAFLUORO-, POLYMER WITH TETRAFLUORO-, POLYMER WITH UNDISCLOSED LT-UNK | SKI BORON NITRIDE (BN), LT-UNK | POLY 1000D N/W RIPCORD | POLYETHYLENE TREPPHTHALATE (PET), LT-UNK | FEP WHITE COLOR CONCENTRATE | UNDISCLOSED LT-UNK | UNDISCLOSED LT-P1 | CAN UNDISCLOSED LT-UNK | UNDISCLOSED LT-P1 | CAN UNDISCLOSED BM-2 | RES | FEP BLUE COLOR CONCENTRATE | UNDISCLOSED LT-UNK UNDISCLOSED BM-2 | RES | FEP ORANGE COLOR CONCENTRATE | UNDISCLOSED LT-P1 | CAN UNDISCLOSED BM-2 | RES | FEP ORANGE COLOR CONCENTRATE | UNDISCLOSED BM-1 | CAN UNDISCLOSED BM-2 | RES | FEP ORANGE COLOR CONCENTRATE | UNDISCLOSED BM-1 | CAN UNDISCLOSED BM-2 | RES | FEP ORANGE COLOR CONCENTRATE | UNDISCLOSED BM-2 | CAN UNDISCLOSED BM-2 | RES | FEP ORANGE COLOR CONCENTRATE | UNDISCLOSED BM-3 | MULI UNDISCLOSED LT-1 | CAN | END UNDISCLOSED BM-1 | CAN UNDISCLOSED BM-3 | RES | FEP ORANGE COLOR CONCENTRATE | UNDISCLOSED BM-3 | CAN UNDISCLOSED BM-3 | TO NUMBER COLOR | TO NUMBER

Number of Greenscreen BM-4/BM3 contents ... 3

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%

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listing

VOC emissions: VOC Emission

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

No
 No

PREPARER: Self-Prepared VERIFICATION #:

SCREENING DATE: 2020-09-01 PUBLISHED DATE: 2020-09-01 EXPIRY DATE: 2023-09-01

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

finitions and requirements for the three inventory metho 2-standard	nds and requirements for each data field can be	e found in the HPD Op	en Standard version 2.	.2, available on the HPDC website atwww.hpd-collaborative.org/
COPPER CONDUCTOR	%: 47.9200 - 50.5000			
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONS	SIDERED: Yes		MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: Residuals and Impuritie	es were considered			
OTHER MATERIAL NOTES:				
COPPER				ID: 7440-5 0
HAZARD SCREENING METHOD: Pharos Chemical and Materials	Library	HAZARD SCREENING DATE:	2020-09-01	
%: 100.0000 - 100.0000	GS: LT-P1	RC: None	nano: No	SUBSTANCE ROLE: Conductor
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MULTIPLE	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Wa	tters
SUBSTANCE NOTES: The formulation range and the material	een disclosed.			
PLENUM JACKET	%: 24.3400 - 29.1600			
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Y	es	ı	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Residuals and Impuritie	es were considered			
OTHER MATERIAL NOTES:				
POLYVINYL CHLORIDE (PVC)				ID: 9002-86
HAZARD SCREENING METHOD: Pharos Chemical and Materials	Library	HAZARD SCREENING DA	TE: 2020-09-01	
%: 40.0000 - 50.0000	GS: LT-P1	RC: None	nano: No	SUBSTANCE ROLE: Insulator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
RESPIRATORY	AOEC - Asthmagens		Asthmagen (Rs) - sensi	itizer-induced
SUBSTANCE NOTES: The formulation range and the material	content is proprietary to the supplier; however the	known health hazards o	f each substance have b	een disclosed.
ALUMINA TRIHYDRATE				ID: 21645-5 1
HAZARD SCREENING METHOD: Pharos Chemical and Materials	Library H	IAZARD SCREENING DATE: 202	20-09-01	
%: 20.0000 - 40.0000	GS: BM-2	c: None	nano: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
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 o	f each substance have b	een disclosed.
UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Chemical and Materials	Library	HAZARD SCREENING DA	rs: 2020-09-01	
	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE SKIN IRRITATION	AGENCY AND LIST TITLES EU - GHS (H-Statements)		WARNINGS H315 - Causes skin irrit	tation
		known hoolth harrist		
SUBSTANCE NOTES: The formulation range and the material	content is proprietary to the supplier; nowever the	MIOWII HEARTI HAZAROS O	i eacii sudstance nave d	ତତ। ਪାତଦାତଟିପ.
UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Chemical and Materials	Library	HAZARD SCREENING DATE: 2	020-09-01	
%: 1.0000 - 15.0000	gs: BM-2	RC: None	nano: No	SUBSTANCE ROLE: Flame retardant

HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
РВТ	EU - ESIS PBT		Fulfills PBT Criteria - Act	on Deferred	
РВТ	ChemSec - SIN List		PBT / vPvB (Persistent, E	Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative,	cumulative)
MULTIPLE	German FEA - Substances Hazardous to Wa	aters	Class 2 - Hazard to Water	rs	
РВТ	EHP - San Antonio Statement on BFRs & CF	FRs	Flame retardant substan	ce class of concern for PB&T & long range transport	
RESTRICTED LIST	US EPA - PPT Chemical Action Plans		TSCA Work Plan chemic	al - ongoing chemical (risk) assessment	
PBT	OSPAR - Priority PBTs & EDs & equivalent of	concern	PBT - Chemical for Prior	ty Action	
	and the material content is proprietary to the supplier; how	wever the known health hazards of	each substance have be	en disclosed.	
NDISCLOSED	al and Matariala Library		2000 00 01		
ZARD SCREENING METHOD: Pharos Chemica	-		DATE: 2020-09-01	Disabilities.	
1.0000 - 10.0000	gs: LT-UNK	RC: None	nano: No	SUBSTANCE ROLE: Plasticizer	
HAZARD TYPE None found	AGENCY AND LIST TITLES		WARNINGS	No warnings found on HF	PD Priority Hazard Lis
CUPOTANCE NOTES. The formulation range	and the material content is proprietary to the supplier; ho	wayer the known bealth bazards of	anch substance have be	on disclosed	
IDISCLOSED					
ZARD SCREENING METHOD: Pharos Chemica	al and Materials Library	HAZARD SCREENING DATE: 2	020-09-01		
1.0000 - 5.0000	GS: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found				No warnings found on HF	PD Priority Hazard Lis
	and the material content is proprietary to the supplier; how				
IDISCLOSED ZARD SCREENING METHOD: Pharos Chemica 0.1000 - 5.0000	al and Materials Library	HAZARD SCREENING DA	NANO: No	SUBSTANCE ROLE: Flame retardant	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found				No warnings found on HF	PD Priority Hazard Lis
	and the material content is proprietary to the supplier; how	wever the known health hazards of	each substance have be	en disclosed.	
NDISCLOSED					
ZARD SCREENING METHOD: Pharos Chemica	•		NG DATE: 2020-09-01	Obstation and the state of the	
0.1000 - 5.0000	gs: LT-UNK	RC: None	nano: No	SUBSTANCE ROLE: Stabilizer	
None found	AGENCY AND LIST TITLES		WARNINGS	No warnings found on HF	D Priority Hazard Lis
	and the material content is proprietary to the supplier; how	wever the known health hazards of	each substance have be		
NDISCLOSED					
AZARD SCREENING METHOD: Pharos Chemica	al and Materials Library	HAZARD SCREENING D	ATE: 2020-09-01		
0.0000 - 5.0000	GS: LT-P1	RC: None	nano: No	SUBSTANCE ROLE: Stabilizer	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found				No warnings found on HF	PD Priority Hazard Lis
SUBSTANCE NOTES: The formulation range :	and the material content is proprietary to the supplier; how	wever the known health hazards of	each substance have be	en disclosed.	
ZARD SCREENING METHOD: Pharos Chemica	al and Materials Library	HAZARD SCREFNING	DATE: 2020-09-01		
0.0000 - 5.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Dye	
	CMP , GenSPEED 5350 Enhanced Ca				

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

ANTIMONY TRIOXIDE 1D: 1309-64-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-01				
%: 0.0000 - 10.0000	GS: BM-1	RC: None	nano: No	SUBSTANCE ROLE: Flame retardant		
HAZARD TYPE			WARNINGS			
CANCER			Group 2b - Possibly	Group 2b - Possibly carcinogenic to humans		
CANCER	EU - GHS (H-Statements)		H351 - Suspected of causing cancer			
MULTIPLE	ChemSec - SIN List		CMR - Carcinogen, Mutagen &/or Reproductive Toxicant			
CANCER	MAK		Carcinogen Group 2 - Considered to be carcinogenic for man			
CANCER	US NIH - Report on Carcinogens		Reasonably Anticipated to be Human Carcinogen			
CANCER	CA EPA - Prop 65		Carcinogen			
CANCER	GHS - Japan		Carcinogenicity - Category 1B [H350]			

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-01		
%: 0.0000 - 1.0000	GS: NoGS	RC: None	nano: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	AGENCY AND LIST TITLES	WA	RNINGS	
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: 2020-09-01			
%: 0.0000 - 5.0000	GS: BM-1 RC: None		nano: No	SUBSTANCE ROLE: Flame retardant	
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		
RESPIRATORY	AOEC - Asthmagens		Asthmagen (Rs) - sensitizer-induced		
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		

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

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DAT	HAZARD SCREENING DATE: 2020-09-01		
%: 0.0000 - 5.0000	gs: LT-P1	RC: None	nano: No	SUBSTANCE ROLE: Lubricant	
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: 2020-09-01

HAZARD TYPE ENDOCRINE TEDX - Potential Endocrine Disruptors SUBSTANCE NOTES: The formulation range and the material content is proprietary to the supplier; however the known health hazards of each substance have been disclosed. PLENUM WIRE INSULATION %: 21.8700 - 24.4800 PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered OTHER MATERIAL NOTES: 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH TETRAFLUOROETHENE ID: 25067-11-2 HAZARD SCREENING DATE: 2020-09-01 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library %: 95.0000 - 100.0000 GS: LT-UNK RC: None SUBSTANCE ROLE: Insulator NANO: No HAZARD TYPE AGENCY AND LIST TITLES 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: 2020-09-01 %: 0.8000 - 25.0000 GS: LT-UNK RC: None SUBSTANCE ROLE: Flame retardant NANO: No SKIN IRRITATION EU - GHS (H-Statements) H315 - Causes skin irritation 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. BORON NITRIDE (BN) ID: 10043-11-5 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 - 5.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Blowing agent HAZARD TYPE AGENCY AND LIST TITLES 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. **POLY 1000D N/W RIPCORD** %: 0.3700 - 0.3900 PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered OTHER MATERIAL NOTES: POLYETHYLENE TEREPHTHALATE (PET) ID: 25038-59-9 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 - 80.0000 GS: LT-UNK SUBSTANCE ROLE: Electronic component RC: None NANO: No HAZARD TYPE AGENCY AND LIST TITLES 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. FEP WHITE COLOR CONCENTRATE %: 0.0500 - 0.1000 PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: YesMATERIAL TYPE: Polymeric Material GenSPEED 5000 Category 5E CMP, GenSPEED 5350 Enhanced Category 5E CMP, GenSPEED 5500 Premium Category 5E CMP

SUBSTANCE ROLE: Lubricant

%: **0.0000 - 5.0000**

GS: LT-P1

OTHER MATERIAL NOTES:

INDISCLOSED				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-01		
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	nano: No	SUBSTANCE ROLE: Carrier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	3	
None found				No warnings found on HPD Priority Hazard Lists

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-01		
%: 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 [H	[350]
CANCER	GHS - Australia		H350i - May cause cancer by inhalation	

SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.

SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-01			
%: 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	MAK		Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
CANCER	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CANCER	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
CANCER	MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		

SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DA	HAZARD SCREENING DATE: 2020-09-01		
%: 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 - No	n-genotoxic carcinogen with low risk under MAK/BAT levels	

UNDISCLOSED

	HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-01		
	%: 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-induc	ced
ı					

SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.

FEP BLUE COLOR CONCENTRATE

%: 0.0400 - 0.0500

PRODUCT THRESHOLD: 1000 ppm MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered

OTHER MATERIAL NOTES:

%: 0.0000 - 100.0000							
	GS: LT-UNK	RC: None	nano: No	SUBSTANCE ROLE: Polymer species			
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS				
None found				No warnings found on HPD Priority Haz			
SUBSTANCE NOTES: The substance name and the formu	ulation range is proprietary to the supplier. Howev	ver, this substance has beer	n screened against the relev	ant hazard lists and any hazards are listed.			
JNDISCLOSED							
HAZARD SCREENING METHOD: Pharos Chemical and Mater	rials Library	HAZARD SCREENING DA	TE: 2020-09-01				
%: 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) - genera	lly accepted			
CANCER							
RESPIRATORY	MAK		Sensitizing Substance S	iah - Danger of airway & skin sensitization			
GENE MUTATION	MAK		Germ Cell Mutagen 3a				
SUBSTANCE NOTES: The substance name and the formu	ulation range is proprietary to the supplier. Howe	ver, this substance has beer	screened against the relev	ant hazard lists and any hazards are listed.			
		,	3				
UNDISCLOSED							
HAZARD SCREENING METHOD: Pharos Chemical and Mate	rials Library	HAZARD SCREENING D	ATE: 2020-09-01				
6: 0.0000 - 100.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment			
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	14 (H2FO)			
CANCER	GHS - Japan GHS - Australia		Carcinogenicity - Catego				
CANCER	GHS - Australia		H350i - May cause canc	er by innaiation			
SUBSTANCE NOTES: The substance name and the formula	ulation range is proprietary to the supplier. Howev	ver, this substance has beer	screened against the relev	ant hazard lists and any hazards are listed.			
JNDISCLOSED							
	rials Library	HAZARD SCREENING DA	те: 2020-09-01				
AZZARD SCREENING METHOD: Pharos Chemical and Mater	rials Library GS: LT-1	HAZARD SCREENING DA	TE: 2020-09-01 NANO: No	SUBSTANCE ROLE: Pigment			
HAZARD SCREENING METHOD: Pharos Chemical and Mater	· · · · · · · · · · · · · · · · · · ·			SUBSTANCE ROLE: Pigment			
AZARD SCREENING METHOD: Pharos Chemical and Mater 6: 0.0000 - 100.0000	GS: LT-1		NANO: No	·			
HAZARD SCREENING METHOD: Pharos Chemical and Mater %: 0.0000 - 100.0000 HAZARD TYPE	GS: LT-1		NANO: No WARNINGS Occupational Carcinoge	·			
HAZARD SCREENING METHOD: Pharos Chemical and Mater 10.0000 - 100.0000 HAZARD TYPE CANCER	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens		NANO: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - I	n			
HAZARD SCREENING METHOD: Pharos Chemical and Mater 5: 0.0000 - 100.0000 HAZARD TYPE CANCER CANCER	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens MAK		NANO: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - value Carcinogen - specific to	en Evidence of carcinogenic effects but not sufficient to establish MAK/E			
CANCER CANCER CANCER	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens MAK CA EPA - Prop 65		NANO: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - value Carcinogen - specific to	Evidence of carcinogenic effects but not sufficient to establish MAK/E chemical form or exposure route			
HAZARD SCREENING METHOD: Pharos Chemical and Mater 6: 0.0000 - 100.0000 HAZARD TYPE CANCER CANCER CANCER CANCER	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens MAK CA EPA - Prop 65 IARC		NANC: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - value Carcinogen - specific to Group 2B - Possibly car Potential Endocrine Disa	Evidence of carcinogenic effects but not sufficient to establish MAK/E chemical form or exposure route			
AZARD SCREENING METHOD: Pharos Chemical and Mater 6: 0.0000 - 100.0000 HAZARD TYPE CANCER CANCER CANCER CANCER ENDOCRINE	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens MAK CA EPA - Prop 65 IARC TEDX - Potential Endocrine Disruptors MAK	AC: None	NANO: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - I value Carcinogen - specific to Group 2B - Possibly car Potential Endocrine Dist Carcinogen Group 4 - N	Evidence of carcinogenic effects but not sufficient to establish MAK/E chemical form or exposure route cinogenic to humans - inhaled from occupational sources uptor on-genotoxic carcinogen with low risk under MAK/BAT levels			
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AZARD SCREENING METHOD: Pharos Chemical and Mater 6: 0.0000 - 100.0000 HAZARD TYPE CANCER CANCER CANCER ENDOCRINE CANCER SUBSTANCE NOTES: The substance name and the formula substa	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens MAK CA EPA - Prop 65 IARC TEDX - Potential Endocrine Disruptors MAK ulation range is proprietary to the supplier. However	RC: None	NANO: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - I value Carcinogen - specific to Group 2B - Possibly car Potential Endocrine Dist Carcinogen Group 4 - N	Evidence of carcinogenic effects but not sufficient to establish MAK/E chemical form or exposure route cinogenic to humans - inhaled from occupational sources uptor on-genotoxic carcinogen with low risk under MAK/BAT levels			
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AZARD SCREENING METHOD: Pharos Chemical and Mater 6: 0.0000 - 100.0000 HAZARD TYPE CANCER CANCER CANCER ENDOCRINE CANCER SUBSTANCE NOTES: The substance name and the formulation of the company of	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens MAK CA EPA - Prop 65 IARC TEDX - Potential Endocrine Disruptors MAK ulation range is proprietary to the supplier. However the supplier of the supplier of the supplier of the supplier. However the supplier of the supplier of the supplier of the supplier of the supplier. However the supplier of the supplier o	ver, this substance has been HAZARD SCREENING	NANO: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - I value Carcinogen - specific to Group 2B - Possibly car Potential Endocrine Dist Carcinogen Group 4 - N DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 - N	Evidence of carcinogenic effects but not sufficient to establish MAK/E chemical form or exposure route cinogenic to humans - inhaled from occupational sources ruptor on-genotoxic carcinogen with low risk under MAK/BAT levels ant hazard lists and any hazards are listed. SUBSTANCE ROLE Pigment on-genotoxic carcinogen with low risk under MAK/BAT levels			
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HAZARD SCREENING METHOD: Pharos Chemical and Mater SE 0.0000 - 100.0000 HAZARD TYPE CANCER CANCER CANCER ENDOCRINE CANCER SUBSTANCE NOTES: The substance name and the formula of the common state of t	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens MAK CA EPA - Prop 65 IARC TEDX - Potential Endocrine Disruptors MAK ulation range is proprietary to the supplier. However the supplier of the supplier. However the supplier of the	Ver, this substance has been HAZARD SCREENING RC: None	NANC: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - I value Carcinogen - specific to Group 2B - Possibly car Potential Endocrine Dist Carcinogen Group 4 - N a screened against the relev DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 - N a screened against the relev	chemical form or exposure route cinogenic to humans - inhaled from occupational sources uptor on-genotoxic carcinogen with low risk under MAK/BAT levels ant hazard lists and any hazards are listed. SUBSTANCE ROLE: Pigment on-genotoxic carcinogen with low risk under MAK/BAT levels ant hazard lists and any hazards are listed.			
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HAZARD SCREENING METHOD: Pharos Chemical and Mater SE 0.0000 - 100.0000 HAZARD TYPE CANCER CANCER CANCER ENDOCRINE CANCER SUBSTANCE NOTES: The substance name and the formula of the common state of t	GS: LT-1 AGENCY AND LIST TITLES US CDC - Occupational Carcinogens MAK CA EPA - Prop 65 IARC TEDX - Potential Endocrine Disruptors MAK ulation range is proprietary to the supplier. However the supplier of the supplier. However the supplier of the	Ver, this substance has been HAZARD SCREENING RC: None	NANC: No WARNINGS Occupational Carcinoge Carcinogen Group 3A - I value Carcinogen - specific to Group 2B - Possibly car Potential Endocrine Dist Carcinogen Group 4 - N a screened against the relev DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 - N a screened against the relev	chemical form or exposure route cinogenic to humans - inhaled from occupational sources uptor on-genotoxic carcinogen with low risk under MAK/BAT levels ant hazard lists and any hazards are listed. SUBSTANCE ROLE: Pigment on-genotoxic carcinogen with low risk under MAK/BAT levels ant hazard lists and any hazards are listed.			

FEP ORANGE COLOR CONCENTRATE %: 0.0400 - 0.0500 PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered OTHER MATERIAL NOTES: UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 - 100.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species HAZARD TYPE AGENCY AND LIST TITLES None found No warnings found on HPD Priority Hazard Lists SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 - 100.0000 GS: BM-1 SUBSTANCE ROLE: Pigment RC: None NANO: No MULTIPLE German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %· 0.0000 - 100.0000 GS: I T-P1 RC: None NANO: NO SUBSTANCE ROLE: Pigment AGENCY AND LIST TITLES 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 substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 - 100.0000 GS: LT-P1 BC: None NANO: No SUBSTANCE ROLE: Pigment HAZARD TYPE AGENCY AND LIST TITLES None found No warnings found on HPD Priority Hazard Lists SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed. FEP GREEN COLOR CONCENTRATE %: 0.0400 - 0.0500 PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered OTHER MATERIAL NOTES: UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 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 SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.

NDISCLOSED						
AZARD SCREENING METHOD: Pharos Chemic	al and Materials Library	HAZARD SCREENING D	DATE: 2020-09-01			
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 Carcino	gen		
CANCER	MAK		Carcinogen Group 3A value	- Evidence of carcinogenic effects but not sufficient to establish MAK/BAT		
CANCER	CA EPA - Prop 65		Carcinogen - specific	to chemical form or exposure route		
CANCER	IARC		Group 2B - Possibly c	arcinogenic to humans - inhaled from occupational sources		
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine D	isruptor		
CANCER	MAK		Carcinogen Group 4 -	Non-genotoxic carcinogen with low risk under MAK/BAT levels		
SUBSTANCE NOTES: The substance name a	and the formulation range is proprietary to the supplier. How	ever, this substance has be	en screened against the rele	evant hazard lists and any hazards are listed.		
NDISCLOSED						
ZARD SCREENING METHOD: Pharos Chemic	al and Materials Library	HAZARD SCREENIN	IG DATE: 2020-09-01			
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 substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.						
NDISCLOSED						
AZARD SCREENING METHOD: Pharos Chemic		HAZARD SCREENING	DATE: 2020-09-01			
0.0000 - 100.0000	gs: BM-2	RC: None	nano: No	SUBSTANCE ROLE: Pigment		
HAZARD TYPE						
	AGENCY AND LIST TITLES		WARNINGS			
RESPIRATORY SUBSTANCE NOTES: The substance name a	AGENCY AND UST TITLES AOEC - Asthmagens and the formulation range is proprietary to the supplier. How	ever, this substance has be	Asthmagen (Rs) - sens			
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SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How tal and Materials Library	HAZARD SCREENING	Asthmagen (Rs) - senten screened against the release to the screened against the screened against the release to the screened against the screen	evant hazard lists and any hazards are listed.		
SUBSTANCE NOTES: The substance name a	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How tal and Materials Library GS BM-2	HAZARD SCREENING	Asthmagen (Rs) - sensen screened against the release DATE: 2020-09-01 NANO: No	evant hazard lists and any hazards are listed.		
SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic : 0.0000 - 100.0000 HAZARD TYPE CANCER	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How tal and Materials Library GS: BM-2 AGENCY AND LIST TITLES	HAZARD SCREENING RC: None	Asthmagen (Rs) - sensen screened against the release DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 -	evant hazard lists and any hazards are listed. SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels		
NDISCLOSED ZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 MAZARD TYPE CANCER SUBSTANCE NOTES: The substance name a	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How all and Materials Library GS. BM-2 AGENCY AND LIST TITLES MAK and the formulation range is proprietary to the supplier. How	HAZARD SCREENING RC: None ever, this substance has been	Asthmagen (Rs) - sensen screened against the release DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 -	evant hazard lists and any hazards are listed. SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels		
SUBSTANCE NOTES: The substance name a NDISCLOSED IZARD SCREENING METHOD: Pharos Chemic O.0000 - 100.0000 HAZARD TYPE CANCER SUBSTANCE NOTES: The substance name a NDISCLOSED IZARD SCREENING METHOD: Pharos Chemic	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How all and Materials Library GS. BM-2 AGENCY AND LIST TITLES MAK and the formulation range is proprietary to the supplier. How	HAZARD SCREENING RC: None ever, this substance has been	Asthmagen (Rs) - sensen screened against the release DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 - en screened against the release	evant hazard lists and any hazards are listed. SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels		
SUBSTANCE NOTES: The substance name a NDISCLOSED ZARD SCREENING METHOD: Pharos Chemic : 0.0000 - 100.0000 HAZARD TYPE CANCER SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic : 0.0000 - 100.0000	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How all and Materials Library GS. BM-2 AGENCY AND LIST TITLES MAK and the formulation range is proprietary to the supplier. How all and Materials Library	HAZARD SCREENING RC: None ever, this substance has been hazard screening	Asthmagen (Rs) - sensen screened against the release DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 - en screened against the release Screened Against A	SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels evant hazard lists and any hazards are listed.		
SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE CANCER SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How tal and Materials Library GS. BM-2 AGENCY AND LIST TITLES MAK and the formulation range is proprietary to the supplier. How tal and Materials Library GS. LT-UNK	HAZARD SCREENING RC: None ever, this substance has been hazard screening	Asthmagen (Rs) - sensen screened against the release DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 - en screened against the release screened against	SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels evant hazard lists and any hazards are listed.		
SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE CANCER SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE None found	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How tal and Materials Library GS. BM-2 AGENCY AND LIST TITLES MAK and the formulation range is proprietary to the supplier. How tal and Materials Library GS. LT-UNK	HAZARD SCREENING RC: None ever, this substance has been hazard screening RC: None	Asthmagen (Rs) - sensen screened against the release to the screened against the screened aga	SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels evant hazard lists and any hazards are listed. SUBSTANCE ROLE: Polymer species No warnings found on HPD Priority Hazard		
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SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE CANCER SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE None found SUBSTANCE NOTES: The substance name a NDISCLOSED	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How the all and Materials Library GS BM-2 AGENCY AND LIST TITLES MAK and the formulation range is proprietary to the supplier. How the all and Materials Library GS LT-UNK AGENCY AND LIST TITLES	HAZARD SCREENING RC: None ever, this substance has been hazard screening RC: None	Asthmagen (Rs) - sensen screened against the release to the particular partic	SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels evant hazard lists and any hazards are listed. SUBSTANCE ROLE: Polymer species No warnings found on HPD Priority Hazard evant hazard lists and any hazards are listed.		
SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE CANCER SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE None found SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 1.0000 - 100.0000 AZARD SCREENING METHOD: Pharos Chemic 1.0000 - 100.0000	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How all and Materials Library GS. BM-2 AGENCY AND LIST TITLES MAK and the formulation range is proprietary to the supplier. How all and Materials Library GS. LT-UNK AGENCY AND LIST TITLES and the formulation range is proprietary to the supplier. How all and Materials Library GS. LT-UNK AGENCY AND LIST TITLES	HAZARD SCREENING RC: None ever, this substance has been hazard screening rc: None	Asthmagen (Rs) - sensen screened against the release DATE: 2020-09-01 NANO: No WARNINGS Carcinogen Group 4 - en screened against the release DATE: 2020-09-01 NANO: No WARNINGS	SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels evant hazard lists and any hazards are listed. SUBSTANCE ROLE: Polymer species No warnings found on HPD Priority Hazard		
NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE CANCER SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE NONE found SUBSTANCE NOTES: The substance name a NDISCLOSED AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000 HAZARD TYPE AZARD SCREENING METHOD: Pharos Chemic 0.0000 - 100.0000	AOEC - Asthmagens and the formulation range is proprietary to the supplier. How that and Materials Library GS BM-2 AGENCY AND LIST TITLES MAK and the formulation range is proprietary to the supplier. How that and Materials Library GS LT-UNK AGENCY AND LIST TITLES and the formulation range is proprietary to the supplier. How that and Materials Library GS LT-1 AGENCY AND LIST TITLES	HAZARD SCREENING RC: None ever, this substance has been hazard screening rc: None	Asthmagen (Rs) - sensen screened against the release to the screened against the screened against the release to the screened against the release to the screened against the release to the screened against the	SUBSTANCE ROLE: Pigment Non-genotoxic carcinogen with low risk under MAK/BAT levels evant hazard lists and any hazards are listed. SUBSTANCE ROLE: Polymer species No warnings found on HPD Priority Hazard evant hazard lists and any hazards are listed.		
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BLUE JACKETING PIGMENT %: 0.0400 - 0.4500 PRODUCT THRESHOLD: 1000 ppm MATERIAL TYPE: Polymeric Material RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered OTHER MATERIAL NOTES: UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 - 100.0000 SUBSTANCE ROLE: Pigment GS: BM-3 RC: None NANO: No None found No warnings found on HPD Priority Hazard Lists SUBSTANCE NOTES: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 **- 100.000**0 gs: BM-3dg BC: None NANO: NO SUBSTANCE ROLE: Plasticizer HAZARD TYPE AGENCY AND LIST TITLES None found No warnings found on HPD Priority Hazard Lists SUBSTANCE NOTES: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: **0.0000 - 100.0000** GS: LT-UNK SUBSTANCE ROLE: Stabilize HAZARD TYPE AGENCY AND LIST TITLES None found SUBSTANCE NOTES: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 - 100.0000 gs: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Carrier AGENCY AND LIST TITLES HAZARD TYPE RESPIRATORY AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced SUBSTANCE NOTES: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists. UNDISCLOSED HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-01 %: 0.0000 - 100.0000 GS: BM-3 BC: None NANO: No SUBSTANCE ROLE: Pigment HAZARD TYPE AGENCY AND LIST TITLES None found No warnings found on HPD Priority Hazard Lists SUBSTANCE NOTES: The substance and its formulation ranges in this material is considered proprietary to the supplier; however, this substance has been screened against the relevant HPD hazard lists. FEP BROWN COLOR CONCENTRATE %: 0.0300 - 0.0500 PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered OTHER MATERIAL NOTES: UNDISCLOSED

HAZARD SCREENING DATE: 2020-09-01

GenSPEED 5000 Category 5E CMP, GenSPEED 5350 Enhanced Category 5E CMP, GenSPEED 5500 Premium Category 5E CMP

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	nano: No	SUBSTANCE ROLE: Polymer species	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found				No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: The substance name and the formulati	on range is proprietary to the supplier. However, this	substance has been sci	reened against the releva	nt hazard lists and any hazards are listed.	
UNDISCLOSED					
HAZARD SCREENING METHOD: Pharos Chemical and Materials	s Library	HAZARD SCREENING	DATE: 2020-09-01		
%: 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: The substance name and the formulati	on range is proprietary to the supplier. However, this	substance has been sci	reened against the releva	nt hazard lists and any hazards are listed.	
UNDISCLOSED					
HAZARD SCREENING METHOD: Pharos Chemical and Materials	s Library	HAZARD SCREENING	DATE: 2020-09-01		
%: 0.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CANCER	EU - GHS (H-Statements)		H351 - Suspected of caus	sing cancer	
SUBSTANCE NOTES: The substance name and the formulati	on range is proprietary to the supplier. However, this	substance has been sci	reened against the releva	nt hazard lists and any hazards are listed.	
UNDISCLOSED					
HAZARD SCREENING METHOD: Pharos Chemical and Materials	s Library	HAZARD SCREENING	DATE: 2020-09-01		
%: 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: The substance name and the formulati	on range is proprietary to the supplier. However, this	substance has been sci	reened against the releva	nt hazard lists and anv hazards are listed.	
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UNDISCLOSED					
HAZARD SCREENING METHOD: Pharos Chemical and Materials	s Library	HAZARD SCREENING DATE:	2020-09-01		
%: 0.0000 - 100.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found				No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: The substance name and the formulati	on range is proprietary to the supplier. However, this	substance has been sci	reened against the releva	nt hazard lists and anv hazards are listed.	
UNDISCLOSED					
HAZARD SCREENING METHOD: Pharos Chemical and Materials	s Library	HAZARD SCREENING DATE:	2020-09-01		
%: 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 - Categor	ry 1A [H350]	
CANCER	GHS - Australia		H350i - May cause cance	r by inhalation	
SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.					
			· ·		
UNDISCLOSED					
HAZARD SCREENING METHOD: Pharos Chemical and Materials	s Library	HAZARD SCREENING DATE: 2	2020-09-01		
%: 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	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route	
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor	
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-01			
%: 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		
	%: 0.0000 - 100.0000 HAZARD TYPE	%: 0.0000 - 100.0000 GS: LT-P1 HAZARD TYPE AGENCY AND LIST TITLES	%: 0.0000 - 100.0000 GS: LT-P1 RC: None HAZARD TYPE AGENCY AND LIST TITLES	%: 0.0000 - 100.0000 gs: LT-P1 RC: None NANO: No HAZARD TYPE AGENCY AND LIST TITLES WARNINGS	

SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.

SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-01			
%: 0.0000 - 100.0000	GS: BM-2	RC: None	nano: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
RESPIRATORY	AOEC - Asthmagens	А	Asthmagen (Rs) - sensitizer-induced		

SUBSTANCE NOTES: The substance name and the formulation range is proprietary to the supplier. However, this substance has been screened against the relevant hazard lists and any hazards are listed.

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 APPLICABLE FACILITIES: All facilities ISSUE DATE: 2019-06-27

EXPIRY DATE:

CERTIFIER OR LAB: Self-declared

CERTIFICATION AND COMPLIANCE NOTES: Not applicable for product type



Section 4: Accessories

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

No accessories are required for this product.



Section 5: General Notes

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

MANUFACTURER INFORMATION

MANUFACTURER: Prysmian Group ADDRESS: 4 Tesseneer Rd

Highland Heights KY 41076, United States WEBSITE: https://www.prysmiangroup.com/en

CONTACT NAME: Matt Marcus TITLE: Product Line Management

PHONE: 859-386-9781 EMAIL: matt.marcus@prysmiangroup.com

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

LAN Land toxicity

NEU Neurotoxicity

OZO Ozone depletion

MUL Multiple

MAM Mammalian/systemic/organ toxicity

PBT Persistent, bioaccumulative, and toxic

NF Not found on Priority Hazard Lists

KEY

Hazard Types AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation GLO Global warming

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

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

PHY Physical hazard (flammable or

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

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.