Name	Premises Plenum Microarray Breako	Fiber Optic Cable: 3	mm Interlock Armo	red,	1.0
Product ID	L4xx	Classification	27 10 00.00 Communi Structured Cabling	cations:	Health Product DECLARATION
Website	www.ce.superioressex.com		Structured Cabiling		
Manufacturer Address	Superior Essex 6120 Powers Ferry Road Suite 150 Atlanta, GA 30339 USA	Contact Name Title Phone Email	Steve Born Sr. Applications Engine AP BD+C 770-657-6000 steve.born@spsx.com	eer, LEED	
Description	This HPD covers the Super	ior Essex 3 mm Interlock Armor	red, Microarray Breakout - OF	CP fiber opti	c cable.
Release Date Expiry Date HPD URL	2015-02-19 2018-02-19 https://tool.hpdcollaborative oads/files/hpds/771/2253- 20150219142947.pdf	Self-declared Second Party Third Party	Certifier Certificate #		
SUMMARY DISC	LOSURE				
The content of this p	roduct was assessed for hea	Ith hazard warnings as requi	red using Pharos		
Residuals Disclosure			Intentional Ingredients	□ Yes	■ No
Measured 100 ppmMeasured 1000 ppr		Full Disclosure of	Known Hazards	Yes	□ No
Predicted by proces As per MSDS (1,00 Not disclosed Other	ss chemistry	Disclosure Notes			
glycol monobutyl ether Undisclosed (UV Ink A TRIACRYLATE, PENT POLYURETHANE, hy trimethylbenzoyl)phosp Hexanediol diacrylate, Unknown, Undisclosed POLYETHYLENE TER CARBON BLACK, Tita	NYL CHLORIDE (PVC), Alum (EGBE), Undisclosed (UV Ink crylates), Unknown, Unknowr (AERYTHRITOL TETRAACRY droxycyclohexyl phenyl ketone whine oxide, Unknown, Polyetl TRIS(2-METHOXYETHOXY) (Pigment), Unknown, Unknown (REPHTHALATE (PET), KEVLA anium dioxide, Ethylene glycol	ina trihydrate , PARA-ARAMID Acrylates) , GLASS / MINERA , Unknown , Tripropylene glyco LATE , Isopropyl Alcohol , Undi , 1,6-Hexanediol diacrylate , Unylene glycol nonylphenyl ether INYLSILANE , Unknown , Unknown , Unknown , Unknown , Unknown , PENTAERYTHF monobutyl ether (EGBE) , Unknown , CARBON BLACK , Unknown , Unknown , CARBON BLACK , Unk	L FIBER, Undisclosed (UV I of diacrylate, Unknown, Unknosed (Isoburnyl acrylate), aknown, Undisclosed (Color of Unknown, Undisclosed (Color of Unknown, Undisclosed (Color of Unknown, Undisclosed (Color of Unknown, Unknown, diphenyl (RITOL TRIACRYLATE, Unknown, Isopropyl Alcohol, Po	nk Acrylates) nown , TRIMI TETRAETHY Concentrate) oxycyclohexyl oncentrate) , I 2,4,6-trimeth nown , COPP	, Unknown , Unknown , ETHYLOLPROPANE YL ORTHOSILICATE , , diphenyl(2,4,6- I phenyl ketone , 1,6- Unknown , Unknown , ylbenzoyl)phosphine oxide , ER COMPOUNDS ,
Hazards PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation	Development Reproductive Endocrine	Mammal ■ Phy Skin or Eye □ Glob	score - List Translator Benc d toxicity	е	
Total VOC Content Material (g/L) Regulatory (g/L) Notes	NI/A	oes the product contain exer re there VOC-free tints availa		□ Yes	□ No □ No

VOC Content

N/A

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an "open standard" developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; **RC**: Recycled Content, **PC**: Post Consumer, **PI**: Post Industrial (Pre-consumer), **BO**: Both; **Nano**: comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role					
Hazard A	Warning A	Warning A									
Hazard B	Warning B	Warning B									
Hazard C	Warning C	Warning C									
Hazard D	Warning D	Warning D									
Hazard E	Warning E	Warning E									
Notes											
ALUMINUM	7429-90-5	83.62 %	LT- P1	N	N	Interlock Armor: Mechanical protection					
ENDOCRINE	TEDX: Poten	tial Endocrine	Disrupto	r							
RESPIRATORY	AOEC: Asthr	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only									
FLAMMABLE	EU H-Statem	EU H-Statements: H228 Flammable solid									
REACTIVE	EU H-Statem	EU H-Statements: H261 In contact with water releases flammable gases									
POLYVINYL CHLORIDE (PVC)	9002-86-2	2.83 - 3.78 %	LT-U	N	N	Plenum Jacket and Tight Buffer: Jacketing polymer					
RESPIRATORY	AOEC: Asthr	nagen (ARs) -	sensitize	er-indu	iced						
Alumina trihydrate	21645-51-2	2.36 - 3.3	2	N	N	Plenum Jacket and Tight Buffer: Flame retardant					
RESPIRATORY	AOEC: Asthr	nagen (ARs) -	sensitize	er-indu	iced - inl	nalable forms only					
Range provided by supplier.											
PARA-ARAMID FIBRILS	24938-64-5	1.84 - 3.6 %	LT-U	N	N	Dielectric Aramid Strength Member: Filament yarn					
None found	No warnings	found on HPD	Priority I	ists							
The range was provided by the supplie	er.										

GLASS / MINERAL FIBER	65997-17-3	0.94 - 3.13 %	LT-U	N	N	Optical Fiber: Data transmission		
None found	No warnings	found on HPD	Priority I	ists				
Based on ranges disclosed by suppliers								
Unknown	Unknown	0.47 - 1.42 %		U	U	Plenum Jacket and Tight Buffer: Plasticizer		
Unknown	Not disclosed	by supplier						
Range and hazards are provided by the supp	olier; however, th	ne material was	undiscl	osed.				
Unknown	Unknown	0.47 - 0.94 %		N	N	Plenum Jacket and Tight Buffer: Flame retardant		
Unknown	Not disclosed	by supplier						
Range and hazards were provided by supplied	er; ingredient wa	s undisclosed.						
Ethylene glycol monobutyl ether (EGBE)	111-76-2	0.18 - 0.37 %	LT-U	N	N	Dielectric Aramid Strength Member: Yarn coating		
CANCER	MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels							
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.							
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)							
SKIN IRRITATION	EU R-Phrase	s: R38: Irritatin	g to skir	ı. (also	in EU l	H-Statements)		
The range was provided by the supplier.								
Undisclosed (UV Ink Acrylates)	Undisclosed	0.13 - 0.19 %	LT-U	N	N	UV Ink: UV Ink Curing		
None found	No warnings	found on HPD	Priority I	ists				
This oligomer reacts with other ingredients. The however, this polymer has not been classified				_	ner are r	not necessarily relevant to the reacted product;		
GLASS / MINERAL FIBER	65997-17-3	0.05 %	LT-U	N	N	Central Strength Member: Strength Reinforcement		
None found	No warnings	found on HPD	Priority I	ists				
Range provided by supplier.								
Undisclosed (UV Ink Acrylates)	Undisclosed	0.02 %	LT- P1	N	N	UV Ink: UV Ink Curing		
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced (also in EU R-Phrases, EU H-Statements, MAK)							
MAMMALIAN	EU R-Phrase	s: R23: Toxic b	y inhala	tion. (also in E	U H-Statements)		
EYE IRRITATION	EU R-Phrase	s: R36: Irritatin	g to eye	s. (als	o in EU	H-Statements)		
SKIN IRRITATION	EU R-Phrase	s: R38: Irritatin	g to skir	ı. (also	in EU l	H-Statements)		
SKIN SENSITIZE	EU R-Phrase	s: R43: May ca	ause sen	sitizat	ion by sl	kin contact.		
ACUTE AQUATIC	EU R-Phrase	s: R51: Toxic to	o aquati	c orga	nisms.			
CHRON AQUATIC	EU H-Statem	ents: H411 - A	quatic C	hronic	2 - Tox	ic to aquatic life with long lasting effects		
MULTIPLE	VwVwS: Clas	s 2 Hazard to	Waters					

ements: H317 Mases: R43: May cases: R43: May case ements: H400 - Ass 2 Hazard to azards associated emenical Abstract 0 - 1.53 % ed by supplier	azards v LT- P1 n contact ay cause ause ser aquatic A Waters d with th Service	N N St with an all assitizat N N assoc Abstra	N skin. (al ergic sk ion by s I - Very edient a	UV Ink: UV Ink Curing Ilso in EU H-Statements) Itin reaction (also in EU R-Phrases) Skin contact. (also in MAK) I toxic to aquatic life (also in EU R-Phrases) are not necessarily relevant to the reacted production. Acrylate Polymer Coating: Oligomer #1
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mer. The health ified under the C		Abstra		
0 - 0.88 %		Abstra		
ed by supplier		N	N	Acrylate Polymer Coating: Monomer #1
ymer. The health ified under the C				with this monomer are not necessarily relevant to vice.
0 - 0.77 %	LT- P1	N	N	Acrylate Polymer Coating: Acrylated monome
ses: R36: Irritatir	g to eye	s.		
ses: R38: Irritatir	ıg to skii	٦.		
ses: R43: May c	ause ser	sitizat	ion by s	skin contact.
ass 2 Hazard to	Waters			
				with this monomer are not necessarily relevant to vice.
5 0 - 0.59 %	LT- P1	N	N	Acrylate Polymer Coating: Oligomer
ses: R36: Irritatir	ig to eye	s. (als	o in EU	J H-Statements)
1	ases: R38: Irritatinases: R43: May callass 2 Hazard to lymer. The health sified under the C	ases: R38: Irritating to skin ases: R43: May cause ser lass 2 Hazard to Waters lymer. The health hazards sified under the Chemical 0 - 0.59 % LT-P1 ases: R36: Irritating to eye	lass 2 Hazard to Waters lymer. The health hazards assocified under the Chemical Abstra 5 0 - 0.59 % LT- N P1	ases: R38: Irritating to skin. ases: R43: May cause sensitization by states lass 2 Hazard to Waters lymer. The health hazards associated water and the Chemical Abstract Sensitive Chemical Abstrac

SKIN SENSITIZE	EU R-Phrase	s: R43: May ca	ause sen	sitizat	ion by sl	xin contact. (also in MAK)			
ACUTE AQUATIC	EU R-Phrase	s: R51: Toxic t	o aquatio	orga	nisms.				
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects								
MULTIPLE	VwVwS: Clas	VwVwS: Class 2 Hazard to Waters							
This oligomer reacts with other ingredients to reacted product; however, this polymer has needed.						h this oligomer are not necessarily relevant to the ce.			
Unknown	Unknown 0 - 0.55 % U N Acrylate Polymer Coating: Oligomer #3								
DEVELOPMENTAL	EPA Action: I	Developmental	Effects						
REPRODUCTIVE	EPA Action: I	Reproductive e	ffects						
MULTIPLE	EPA Action: I	EPA Chemical	of Conce	ern - A	ction Pl	an published			
This oligomer reacts with other ingredients to reacted product; however, this polymer has no						h this oligomer are not necessarily relevant to the ce.			
Unknown	Unknown	0 - 0.55 %		N	N	Acrylate Polymer Coating: Oligomer #2			
Unknown	Not disclosed	by supplier							
This oligomer reacts with other ingredients to reacted product; however, this polymer has no						h this oligomer are not necessarily relevant to the ce.			
TRIMETHYLOLPROPANE TRIACRYLATE	15625-89-5	0 - 0.47 %	LT-U	N	N	Optical Fiber: Fiber protection coating			
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)								
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)								
SKIN SENSITIZE	EU R-Phrase	s: R43: May ca	ause sen	sitizat	ion by sl	xin contact. (also in MAK)			
Range disclosed by supplier.									
PENTAERYTHRITOL TETRAACRYLATE	4986-89-4	0 - 0.47 %	LT-U	N	N	Optical Fiber: Fiber protection coating			
EYE IRRITATION	EU R-Phrase	s: R36: Irritatin	g to eye	s. (als	o in EU	H-Statements)			
SKIN IRRITATION	EU R-Phrase	s: R38: Irritatin	g to skin	. (also	in EU l	H-Statements)			
SKIN SENSITIZE	EU R-Phrase	s: R43: May ca	ause sen	sitizat	ion by sl	xin contact.			
Range disclosed by supplier.									
Isopropyl Alcohol	67-63-0	0 - 0.37 %	LT-U	N	N	Dielectric Aramid Strength Member: Yarn coating			
EYE IRRITATION	EU R-Phrase	s: R36: Irritatin	g to eye	s. (als	o in EU	H-Statements)			
FLAMMABLE	EU H-Statem	ents: H225 Hig	ghly flam	mable	liquid a	nd vapour.			
The range was provided by the supplier.									
Undisclosed (Isoburnyl acrylate)	Undisclosed	0 - 0.37 %	LT- P1	N	N	Acrylate Polymer Coating: Oligomer			
MULTIPLE	VwVwS: Clas	s 2 Hazard to	Waters						
This oligomer reacts with other ingredients to reacted product; however, this polymer has needed.						h this oligomer are not necessarily relevant to the ce.			
TETRAETHYL ORTHOSILICATE	78-10-4	0 - 0.37 %	LT-U	N	N	Acrylate Polymer Coating: Oligomer			

MAMMALIAN	EU R-Phrase	EU R-Phrases: R20: Harmful by inhalation.							
EYE IRRITATION	EU R-Phrase	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)							
This oligomer reacts with other ingredien reacted product; however, this polymer h						th this oligomer are not necessarily relevant to the ice.			
POLYURETHANE	64440-88-6	0 - 0.26 %	LT-U	N	N	Dielectric Aramid Strength Member: Yarn coating			
None found	No warnings	found on HPD	Priority	ists					
The range was provided by the supplier.									
hydroxycyclohexyl phenyl ketone	947-19-3	0 - 0.25 %	LT-U	N	N	Optical Fiber: Fiber protection coating			
None found	No warnings	found on HPD	Priority	ists					
1,6-Hexanediol diacrylate	13048-33-4	0 - 0.25 %	LT- P1	N	N	Optical Fiber: Fiber protection coating			
EYE IRRITATION	EU R-Phrase	s: R36: Irritatir	ng to eye	s. (als	so in EU	H-Statements)			
SKIN IRRITATION	EU R-Phrase	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)							
SKIN SENSITIZE	EU R-Phrase	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)							
MULTIPLE	VwVwS: Clas	s 2 Hazard to	Waters						
Unknown	Unknown	0 - 0.2 %		N	N	Acrylate Polymer Coating: Monomer #2			
Unknown	Not disclosed	l by supplier							
This monomer reacts with other ingredien reacted product; however, this polymer h						ith this monomer are not necessarily relevant to the ice.			
Undisclosed (Color Concentrate)	Undisclosed	0 - 0.19 %	LT-1	N	N	Plenum Jacket and Tight Buffer: Color concentrate (black)			
CANCER	NIOSH-C: O	ccupational car	cinogen	(also	in Prop	65, IARC, MAK)			
Material not disclosed by supplier; however	er, hazards and ran	ges were provi	ded.						
diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide	75980-60-8	0 - 0.19 %	LT- P1	N	N	Optical Fiber: Fiber protection coating			
REPRODUCTIVE	EU H-Statem	EU H-Statements: H361f Suspected of damaging fertility							
MULTIPLE	VwVwS: Clas	s 2 Hazard to	Waters						
Unknown	Unknown	0 - 0.19 %	LT-1	N	N	Plenum Jacket and Tight Buffer: Flame retardant			
РВТ	OR P3: Prior	ty Persistent P	ollutant	- Tier	1				
CANCER	EU SVHC: C	arcinogenic - E	Banned ι	ınless	authoris	sed			
DEVELOPMENTAL	G&L Neuro: I	Developmental	neuroto	xicant					
MAMMALIAN	EU R-Phrase	s: R25: Toxic i	f swallov	ved.					
		EU R-Phrases: R25: Toxic if swallowed. EU H-Statements: H314 Causes severe skin burns and eye damage							

ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life								
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects								
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant)								
Range and hazards were provided by supplie	er; ingredient wa	s undisclosed.							
Polyethylene glycol nonylphenyl ether	9016-45-9	0 - 0.18 %	LT- P1	N	N	Dielectric Aramid Strength Member: Yarn coating			
ENDOCRINE	EU ED: Cate	gory 1 - In vivo	evidenc	e of e	ndocrine	disruption activity (also in OSPAR, SIN)			
MULTIPLE	VwVwS: Clas	s 2 Hazard to	Waters (also ir	n EPA A	ction)			
PBT	OSPAR: PB	- Chemical fo	r Priority	Actio	n				
DEVELOPMENTAL	EPA Action:	Developmental	Effects						
REPRODUCTIVE	EPA Action:	Reproductive e	ffects						
CHRON AQUATIC	EPA Action:	Highly toxic to	aquatic o	organi	sms				
The range was provided by the supplier.									
Unknown	Unknown	0 - 0.18 %		N	N	Acrylate Polymer Coating: Photoinitiator #1			
Unknown	Not disclosed by supplier								
This ingredient is proprietary to the supplier; I	nowever, the ha	zards have bee	en fully c	lisclos	ed.				
Unknown	Unknown	0 - 0.18 %	LT- P1	N	N	Acrylate Polymer Coating: Additive			
MULTIPLE	VwVwS: Clas	s 3 Severe Ha	zard to V	Vaters	3				
This ingredient is proprietary to the supplier; I	nowever, the ha	zards have bee	en fully c	lisclos	ed.				
hydroxycyclohexyl phenyl ketone	947-19-3	0 - 0.16 %	LT-U	N	N	Optical Fiber: Fiber protection coating			
None found	No warnings	found on HPD	Priority I	ists					
Range disclosed by supplier.									
1,6-Hexanediol diacrylate	13048-33-4	0 - 0.16 %	LT- P1	N	N	Optical Fiber: Fiber protection coating			
EYE IRRITATION	EU R-Phrase	s: R36: Irritatin	g to eye	s. (als	o in EU	H-Statements)			
SKIN IRRITATION	EU R-Phrase	s: R38: Irritatin	g to skir	n. (also	o in EU I	H-Statements)			
SKIN SENSITIZE	EU R-Phrase	s: R43: May ca	ause sen	sitizat	ion by s	kin contact. (also in MAK)			
MULTIPLE	VwVwS: Clas	s 2 Hazard to	Waters						
Range disclosed by supplier.									
TRIS(2-METHOXYETHOXY)VINYLSILANE	1067-53-4	0 - 0.13 %	LT-U	N	N	Optical Fiber: Fiber protection coating			
None found	No warnings	found on HPD	Priority I	ists					
Unknown	Unknown	0 - 0.11 %	LT- P1	N	N	Acrylate Polymer Coating: Photoinitiator #2			
REPRODUCTIVE	EU H-Statem	ents: H361f Su	uspected	l of da	maging	fertility			

MULTIPLE	VwVwS: Clas	s 2 Hazard to	Waters			
This ingredient is proprietary to the sup	pplier; however, the ha	zards have be	en fully c	lisclos	ed.	
Unknown	Unknown	0 - 0.09 %		N	N	Plenum Jacket and Tight Buffer: Yellow pigment
Unknown	Not disclosed	by supplier				
Range and hazards were provided by s	supplier; ingredient wa	s undisclosed.				
Undisclosed (Color Concentrate)	Undisclosed	0 - 0.09 %	LT-1	N	N	Plenum Jacket and Tight Buffer: Color concentrate (orange)
CANCER	NIOSH-C: Od	ccupational car	cinogen	(also	in Prop 6	55, IARC, MAK)
Material not disclosed by supplier; how	ever, hazards and ran	ges were provi	ided.			
Unknown	Unknown	0 - 0.09 %	LT-U	N	N	Plenum Jacket and Tight Buffer: Color concentrate (blue)
RESPIRATORY	AOEC: Asthn	nagen (ARs) -	sensitize	er-indu	ıced	
Material not disclosed by supplier; how	ever, hazards and ran	ges were provi	ided.			
Unknown	Unknown	0 - 0.09 %		N	N	Plenum Jacket and Tight Buffer: Intermediate (blue)
Unknown	Not disclosed	by supplier				
Material not disclosed by supplier; how	ever, hazards and ran	ges were provi	ided.			
Unknown	Unknown	0 - 0.09 %	LT-U	N	N	Plenum Jacket and Tight Buffer: Orange color concentrate
RESPIRATORY	AOEC: Asthn	nagen (ARs) -	sensitize	er-indu	iced	
Hazards and percentages provided by	supplier; ingredient no	ot disclosed.				
Undisclosed (Pigment)	Undisclosed	0 - 0.09 %	LT-1	N	N	Plenum Jacket and Tight Buffer: Pigment
CANCER	NIOSH-C: Od	ccupational car	cinogen	(also	in Prop 6	55, IARC, MAK)
Material not disclosed by supplier but h	nazards were.					
Unknown	Unknown	0 - 0.09 %		N	N	Plenum Jacket and Tight Buffer: Pigment
Unknown	Not disclosed	by supplier				
Material not disclosed by supplier; how	ever, hazards and ran	ges were prov	ided.			
Unknown	Unknown	0 - 0.09 %	LT-1	N	N	Plenum Jacket and Tight Buffer: Yellow pigment
CANCER	NIOSH-C: Od	ccupational car	cinogen			
Range and hazards were provided by s	supplier; ingredient wa	s undisclosed				
Unknown	Unknown	0 - 0.09 %		N	N	Plenum Jacket and Tight Buffer: Intermediate (yellow)
Unknown	Not disclosed	by supplier				
Range and hazards were provided by s	supplier; ingredient wa	s undisclosed				
Unknown	Unknown	0 - 0.09 %	LT-1	N	N olth Drade	Plenum Jacket and Tight Buffer: Flame retardant

CANCER	Prop 65: Car									
MAMMALIAN	EU R-Phrase	es: R22: Harmfu	ıl if swall	owed.						
ACUTE AQUATIC	EU R-Phrase	EU R-Phrases: R51: Toxic to aquatic organisms.								
CHRON AQUATIC	EU H-Statem	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects								
Range and hazards were provided by supplie	er; ingredient wa	as undisclosed.								
Unknown	Unknown	0 - 0.09 %		N	N	Plenum Jacket and Tight Buffer: Pigment (orange)				
Unknown	Not disclosed by supplier									
Material not disclosed by supplier but hazard	s and ranges w	ere provided.								
Unknown	Unknown	0 - 0.09 %		N	N	Plenum Jacket and Tight Buffer: Intermediate				
Unknown	Not disclosed	by supplier								
Material not disclosed by supplier; however, h	nazards and ran	iges were provi	ded.							
diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide	75980-60-8	0 - 0.08 %	LT- P1	N	N	Optical Fiber: Fiber protection coating				
REPRODUCTIVE	EU H-Statem	EU H-Statements: H361f Suspected of damaging fertility								
MULTIPLE	VwVwS: Clas	ss 2 Hazard to \	Vaters							
Range disclosed by supplier.										
POLYETHYLENE TEREPHTHALATE (PET)	25038-59-9	0 - 0.08 %	LT-U	U	U	Rip Cord: Thread				
None found	No warnings	found on HPD	Priority I	ists						
KEVLAR	26125-61-1	0 - 0.07 %	LT-U	N	N	Rip Cord: Alternate Rip Cord Material				
CANCER	MAK: Carcino	ogen Group 3B	- Evider	nce of	carcino	genic effects but not sufficient for classification				
This material is an alternate material to the po	olyester rip cord	and may be us	sed inste	ead in	the proc	ducts.				
Unknown	Unknown	0 - 0.03 %		N	N	Acrylate Polymer Coating: Additive #1				
Unknown	Not disclosed	by supplier								
This ingredient is proprietary to the supplier;	however, the ha	zards have bee	en fully d	isclos	ed.					
PENTAERYTHRITOL TRIACRYLATE	3524-68-3	0 - 0.03 %	LT-U	N	N	Optical Fiber: Fiber protection coating				
EYE IRRITATION	EU R-Phrase	es: R36: Irritatin	g to eye	s. (als	o in EU	H-Statements)				
SKIN IRRITATION	EU R-Phrase	es: R38: Irritatin	g to skin	n. (also	o in EU I	H-Statements)				
SKIN SENSITIZE	EU R-Phrase	es: R43: May ca	use sen	sitizat	ion by s	kin contact. (also in MAK)				
Unknown	Unknown	0 - 0.02 %	LT-U	N	N	Acrylate Polymer Coating: Monomer #3				
MAMMALIAN		es: R24: Toxic ir				- y				
SKIN IRRITATION	EU H-Statem					in reaction				
SKIN IRRITATION										

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COPPER COMPOUNDS		0 - 0.02 %	LT-1	N	N	UV Ink: Pigments			
DEVELOPMENTAL	Prop 65: Dev	Prop 65: Developmental toxicity							
CARBON BLACK	1333-86-4	0 - 0.02 %	LT-1	N	N	UV Ink: Colorant			
CANCER	NIOSH-C: O	ccupational ca	rcinogen	(also	in Prop (65, IARC, MAK)			
itanium dioxide	13463-67-7	0 - 0.02 %	LT-1	N	N	UV Ink: Pigment			
CANCER	NIOSH-C: O	ccupational ca	rcinogen	(also	in Prop	65, IARC, MAK)			
Ethylene glycol monobutyl ether (EGBE)	111-76-2	0 - 0.01 %	LT-U	N	N	Rip Cord: Alternate Rip Cord Coating Material			
CANCER	MAK: Carcin	ogen Group 4	- Non ge	notoxi	c carcin	ogen with low risk under MAK/BAT levels			
MAMMALIAN	EU R-Phrase	es: R22: Harmf	ul if swal	lowed					
EYE IRRITATION	EU R-Phrase	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)							
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)								
This material is an alternate coating material	I for the rip cord.								
Jnknown	Unknown	0 - 0.01 %	LT- P1	N	N	Acrylate Polymer Coating: Adhesion promoter			
MULTIPLE	VwVwS: Clas	ss 3 Severe Ha	zard to \	Vaters	6				
This ingredient is proprietary to the supplier	; however, the ha	azards have be	en fully o	lisclos	ed.				
sopropyl Alcohol	67-63-0	0 - 0.01 %	LT-U	N	N	Rip Cord: Alternate Rip Cord Coating Material			
EYE IRRITATION	EU R-Phrase	es: R36: Irritatir	ng to eye	s. (als	o in EU	H-Statements)			
FLAMMABLE	EU H-Staten	nents: H225 Hi	ghly flam	ımable	e liquid a	nd vapour.			
This material is an alternate material to the	polyester rip cord	I and may be u	sed inst	ead in	the prod	ducts.			
Polyethylene glycol nonylphenyl ether	9016-45-9	0 %	LT- P1	N	N	Rip Cord: Alternate Rip Cord Coating Material			
ENDOCRINE	EU ED: Cate	gory 1 - In vivo	evidenc	e of e	ndocrine	disruption activity (also in OSPAR, SIN)			
MULTIPLE	VwVwS: Clas	ss 2 Hazard to	Waters	(also ir	n EPA A	ction)			
PBT	OSPAR: PB	T - Chemical fo	r Priority	Actio	n				
DEVELOPMENTAL	EPA Action:	Developmenta	I Effects						
REPRODUCTIVE	EPA Action:	Reproductive e	effects						
	EDA Astisus	Highly toxic to	aguatic (organi	sms				
CHRON AQUATIC	EPA Action:	riigiliy toxic to		_					
CHRON AQUATIC This material is an alternate material to the				ead in	the proc	ducts.			

	NIOSH-C: O	ccupational car	cinogen	(also	in Prop	65, IARC, MAK)				
Unknown	Unknown	0 %		N	N	Acrylate Polymer Coating: Additive #2				
Unknown	Not disclosed	by supplier								
This ingredient is proprietary to the supplier	; however, the ha	zards have be	en fully c	lisclos	sed.					
Unknown	Unknown	0 %	LT-U	N	N	Acrylate Polymer Coating: Monomer #5				
EYE IRRITATION	EU R-Phrase	EU R-Phrases: R36: Irritating to eyes.								
SKIN IRRITATION	EU R-Phrase	es: R38: Irritatin	ng to skir	١.						
SKIN SENSITIZE	EU R-Phrase	es: R43: May ca	ause sen	ısitiza	tion by s	skin contact.				
This monomer reacts with other ingredients reacted product; however, this polymer has						with this monomer are not necessarily relevant to the rice.				
Unknown	Unknown	0 %		N	N	Acrylate Polymer Coating: Monomer #4				
Unknown	Not disclosed	d by supplier								
This monomer reacts with other ingredients reacted product; however, this polymer has						vith this monomer are not necessarily relevant to the				
				7 10011	uot 001 v	100.				
Unknown	Unknown	0 %		N	N	Acrylate Polymer Coating: Stabilizer #2				
Unknown Unknown	Unknown Not disclosed	0 %								
	Not disclosed	0 %		N	N					
Unknown	Not disclosed	0 %		N	N					
Unknown This ingredient is proprietary to the supplier	Not disclosed; however, the ha	0 % by supplier szards have bed 0 %	en fully o	N lisclos	N sed.	Acrylate Polymer Coating: Stabilizer #2				
Unknown This ingredient is proprietary to the supplier CARBON BLACK	Not disclosed; however, the ha	0 % by supplier szards have bed 0 %	en fully o	N lisclos	N sed.	Acrylate Polymer Coating: Stabilizer #2 UV Strong Process Black Ink: Colorant				
Unknown This ingredient is proprietary to the supplier CARBON BLACK	Not disclosed; however, the ha	0 % by supplier szards have bed 0 %	en fully o	N lisclos	N sed.	Acrylate Polymer Coating: Stabilizer #2 UV Strong Process Black Ink: Colorant				
Unknown This ingredient is proprietary to the supplier CARBON BLACK CANCER	Not disclosed; however, the ha	0 % d by supplier sizards have been compational care 0 %	en fully o	N lisclos N (also	N sed.	Acrylate Polymer Coating: Stabilizer #2 UV Strong Process Black Ink: Colorant 65, IARC, MAK)				
Unknown This ingredient is proprietary to the supplier CARBON BLACK CANCER Unknown	Not disclosed; however, the harman state of th	0 % d by supplier 0 % ccupational car	en fully o	N N (also	N Seed.	Acrylate Polymer Coating: Stabilizer #2 UV Strong Process Black Ink: Colorant 65, IARC, MAK)				
Unknown This ingredient is proprietary to the supplier CARBON BLACK CANCER Unknown Unknown	Not disclosed; however, the harman state of th	0 % d by supplier 0 % ccupational car	en fully o	N N (also	N Seed.	Acrylate Polymer Coating: Stabilizer #2 UV Strong Process Black Ink: Colorant 65, IARC, MAK)				
Unknown This ingredient is proprietary to the supplier CARBON BLACK CANCER Unknown Unknown This ingredient is proprietary to the supplier	Not disclosed; however, the has 1333-86-4 NIOSH-C: Od Unknown Not disclosed; however, the has	0 % d by supplier uzards have been 0 % ccupational car 0 % d by supplier uzards have been	en fully control to the control to t	N N (also	N sed.	Acrylate Polymer Coating: Stabilizer #2 UV Strong Process Black Ink: Colorant 65, IARC, MAK) Acrylate Polymer Coating: Stabilizer				

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Туре	Standard or Certification			Certifier or Laboratory					
	Certifying Party	Issue Date	Expiry Date	Certificate URL					
	Applicable Facilities								
	Notes								

VOC Emissions	Not tested				
VOC Content	N/A				
Recycled Content	Not tested				
Other					
ACCESSORY MATERIALS					
This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.					
Note: This declaration is not intended to address hazards of the installation process.					

Required or Recommended Product	URL for Companion Health Product Declaration			
Condition when required or recommended and/or other notes				

NOTES

The material weight ranges are based on the heaviest weight cable(s) in the product family. This Health Product Declaration was prepared by Sustainable Solutions Corporation of Royersford, Pennsylvania on behalf of Superior Essex.