

Name Premises Riser Fiber Optic Cable: 3 mm Interlock Armored, Microarray Breakout



Product ID L3xx Classification 27 10 00.00 Communications: Structured Cabling

Website www.ce.superioressex.com

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Description This HPD covers the Superior Essex 3 mm Interlock Armored, Microarray Breakout - OFCR fiber optic cable.

Release Date 2015-02-19 Self-declared
Expiry Date 2018-02-19 Second Party Certifier
HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/771/2254-20150219145821.pdf> Third Party Certificate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure Measured 100 ppm (ideal) Measured 1000 ppm Predicted by process chemistry As per MSDS (1,000 & 10,000 ppm) Not disclosed Other

Full Disclosure of Intentional Ingredients Yes No
Full Disclosure of Known Hazards Yes No
Disclosure Notes

Contents in Descending Order of Quantity

ALUMINUM , POLYVINYL CHLORIDE (PVC) , Unknown , PARA-ARAMID FIBRILS , GLASS / MINERAL FIBER , Ethylene glycol monobutyl ether (EGBE) , Undisclosed (UV Ink Acrylates) , POLYETHYLENE TEREPHTHALATE (PET) , GLASS / MINERAL FIBER , Undisclosed (UV Ink Acrylates) , Unknown , ANTIMONY TRIOXIDE , Unknown , Unknown , Titanium dioxide , Unknown , Undisclosed (UV Ink Acrylates) , Unknown , Unknown , Unknown , Unknown , Tripropylene glycol diacrylate , Unknown , Unknown , CARBON BLACK , TRIMETHYLOLPROPANE TRIACRYLATE , Unknown , C.I. Pigment Yellow 100 , Unknown , C.I. Pigment Yellow 104 , 1H-Isoindole-1,3(2H)-dione , 4,5,6,7-tetrachloro-2-[2- (4,5,6,7-tetrachloro-2,3-dihydro-1,3-dioxo-1H-inden -2-yl)-8-quinolinyl]- , PENTAERYTHRITOL TETRAACRYLATE , Isopropyl Alcohol , Undisclosed (Isobornyl acrylate) , TETRAETHYL ORTHOSILICATE , POLYURETHANE , 1,6-Hexanediol diacrylate , hydroxycyclohexyl phenyl ketone , Unknown , Polyethylene glycol nonylphenyl ether , diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide , Unknown , Unknown , 1,6-Hexanediol diacrylate , hydroxycyclohexyl phenyl ketone , TRIS(2-METHOXYETHOXY)VINYLSILANE , Unknown , CHROMIUM (III) OXIDE , diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide , KEVLAR , Unknown , PENTAERYTHRITOL TRIACRYLATE , Titanium dioxide , COPPER COMPOUNDS , Unknown , CARBON BLACK , PHTHALOCYANINE GREEN , Unknown , Manganese antimony titanium buff rutile , Ethylene glycol monobutyl ether (EGBE) , Isopropyl Alcohol , C.I. PIGMENT BLUE 15 , Unknown , Unknown , Unknown , Unknown , Polyethylene glycol nonylphenyl ether , Unknown , Titanium dioxide , CARBON BLACK

Hazards PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation Development Reproductive Endocrine Respiratory

Highest concern GreenScreen score - Benchmark 1 Neurotoxicity Mammal Skin or Eye Aquatic toxicity Land toxicity Physical hazard Global warming Ozone depletion Multiple Unknown

Total VOC Content Material (g/L) N/A Regulatory (g/L) N/A Does the product contain exempt VOCs? N/A Yes No Are there VOC-free tints available? N/A Yes No

Notes

Certifications + Compliance

VOC Emissions Not tested

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					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
ALUMINUM	7429-90-5	83.59 %	LT-P1	N	N	Interlock Armor: Mechanical protection
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
FLAMMABLE	EU H-Statements: H228 Flammable solid					
REACTIVE	EU H-Statements: H261 In contact with water releases flammable gases					
POLYVINYL CHLORIDE (PVC)	9002-86-2	4.71 - 6.59 %	LT-U	N	N	Riser Jacket and Tight Buffer: Jacketing polymer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
Based on ranges disclosed by the supplier.						
Unknown	Unknown	1.88 - 3.76 %	LT-P1	N	N	Riser Jacket and Tight Buffer: Plasticizer
REPRODUCTIVE	EPA Action: Reproductive effects					
ENDOCRINE	SIN: Equivalent concern, including endocrine disruption - Sin List 1.0					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
This material is proprietary to the supplier; however, the full health hazards are disclosed.						

PARA-ARAMID FIBRILS	24938-64-5	1.88 - 3.68 %	LT- U	N	N	Dielectric Aramid Strength Member: Filament yarn
None found	No warnings found on HPD Priority lists					
The range was provided by the supplier.						
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 lists					
Based on ranges disclosed by suppliers						
Ethylene glycol monobutyl ether (EGBE)	111-76-2	0.19 - 0.38 %	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-Phrases: R38: Irritating to skin. (also in EU 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 lists					
This oligomer reacts with other ingredients. The health hazards associated with this oligomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
POLYETHYLENE TEREPHTHALATE (PET)	25038-59-9	0.08 %	LT- U	U	U	Rip Cord: Thread
None found	No warnings found on HPD Priority lists					
GLASS / MINERAL FIBER	65997-17-3	0.02 %	LT- U	N	N	Central Strength Member: Strength Reinforcement
None found	No warnings found on HPD Priority lists					
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-Phrases: R23: Toxic by inhalation. (also in EU H-Statements)					
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-Phrases: R43: May cause sensitization by skin contact.					

ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
This ingredient reacts with other ingredients. The health hazards associated with this ingredient are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
Unknown	Unknown	0.01 - 0.47 %	LT-U	N	N	Riser Jacket and Tight Buffer: Thermal stabilizer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
This material is proprietary to the supplier; however, the full health hazards are disclosed.						
ANTIMONY TRIOXIDE	1309-64-4	0.01 - 0.47 %	1	N	N	Riser Jacket and Tight Buffer: Flame retardant
CANCER	Prop 65: Cancer (also in EU R-Phrases, IARC, EU H-Statements, MAK)					
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
Based on ranges disclosed by the supplier.						
Unknown	Unknown	0.01 - 0.47 %		N	N	Riser Jacket and Tight Buffer: Lubricant
Unknown	Not disclosed by supplier					
This material is proprietary to the supplier; however, the full health hazards are disclosed.						
Unknown	Unknown	0.01 - 0.47 %		N	N	Riser Jacket and Tight Buffer: Thermal stabilizer
Unknown	Not disclosed by supplier					
This material is proprietary to the supplier; however, the full health hazards are disclosed.						
Titanium dioxide	13463-67-7	0.01 - 0.47 %	LT-1	N	N	Riser Jacket and Tight Buffer: Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Based on ranges disclosed by the supplier.						
Unknown	Unknown	0.01 - 0.07 %		N	N	Acrylate Polymer Coating: Antioxidant
Unknown	Not disclosed by supplier					
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.						
Undisclosed (UV Ink Acrylates)	Undisclosed	0.01 %	LT-P1	N	N	UV Ink: UV Ink Curing

MAMMALIAN	EU R-Phrases: R24: Toxic in contact with skin. (also in EU H-Statements)					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction (also in EU R-Phrases)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
This ingredient reacts with other ingredients. The health hazards associated with this ingredient are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
Unknown	Unknown	0.01 %		N	N	Central Strength Member: Polymeric Binder
Unknown	Not disclosed by supplier					
This binder is proprietary to the supplier; however, the full potential health hazards were disclosed.						
Unknown	Unknown	0 - 1.53 %		N	N	Acrylate Polymer Coating: Oligomer #1
Unknown	Not disclosed by supplier					
This oligomer reacts with other ingredients to create a polymer. The health hazards associated with this oligomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
Unknown	Unknown	0 - 0.94 %	LT-U	N	N	Riser Jacket and Tight Buffer: Flame retardant
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
This material is proprietary to the supplier; however, the full health hazards are disclosed.						
Unknown	Unknown	0 - 0.88 %		N	N	Acrylate Polymer Coating: Monomer #1
Unknown	Not disclosed by supplier					
This monomer reacts with other ingredients to create a polymer. The health hazards associated with this monomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
Unknown	Unknown	0 - 0.77 %	LT-P1	N	N	Acrylate Polymer Coating: Acrylated monomer
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes.					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin.					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
This monomer reacts with other ingredients to create a polymer. The health hazards associated with this monomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
Tripropylene glycol diacrylate	42978-66-5	0 - 0.59 %	LT-P1	N	N	Acrylate Polymer Coating: Oligomer

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-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
This oligomer reacts with other ingredients to create a polymer. The health hazards associated with this oligomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
Unknown	Unknown	0 - 0.55 %		U	N	Acrylate Polymer Coating: Oligomer #3
DEVELOPMENTAL	EPA Action: Developmental Effects					
REPRODUCTIVE	EPA Action: Reproductive effects					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
This oligomer reacts with other ingredients to create a polymer. The health hazards associated with this oligomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
Unknown	Unknown	0 - 0.55 %		N	N	Acrylate Polymer Coating: Oligomer #2
Unknown	Not disclosed by supplier					
This oligomer reacts with other ingredients to create a polymer. The health hazards associated with this oligomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
CARBON BLACK	1333-86-4	0 - 0.47 %	LT-1	N	N	Riser Jacket and Tight Buffer: Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Based on ranges disclosed by the supplier.						
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-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
Range disclosed by supplier.						
Unknown	Unknown	0 - 0.47 %		N	N	Riser Jacket and Tight Buffer: UV stabilizer
Unknown	Not disclosed by supplier					
This material is proprietary to the supplier; however, the full health hazards are disclosed.						
C.I. Pigment Yellow 100	12225-21-7	0 - 0.47 %	LT-U	N	N	Riser Jacket and Tight Buffer: Pigment
None found	No warnings found on HPD Priority lists					

Based on ranges disclosed by the supplier.

Unknown	Unknown	0 - 0.47 %	LT- U	N	N	Riser Jacket and Tight Buffer: Thermal stabilizer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
This material is proprietary to the supplier; however, the full health hazards are disclosed.						
C.I. Pigment Yellow 104	15790-07-5	0 - 0.47 %	LT- U	N	N	Riser Jacket and Tight Buffer: Pigment
None found	No warnings found on HPD Priority lists					
Based on ranges disclosed by the supplier.						
1H-Isoindole-1,3(2H)-dione, 4,5,6,7-tetrachloro-2-[2-(4,5,6,7-tetrachloro-2,3-dihydro-1,3-dioxo-1H-inden-2-yl)-8-quinoliny]-	30125-47-4	0 - 0.47 %	LT- U	N	N	Riser Jacket and Tight Buffer: Pigment
None found	No warnings found on HPD Priority lists					
Based on ranges disclosed by the supplier.						
PENTAERYTHRITOL TETRAACRYLATE	4986-89-4	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-Phrases: R43: May cause sensitization by skin contact.					
Range disclosed by supplier.						
Isopropyl Alcohol	67-63-0	0 - 0.38 %	LT- U	N	N	Dielectric Aramid Strength Member: Yarn coating
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and 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: Class 2 Hazard to Waters					
This oligomer reacts with other ingredients to create a polymer. The health hazards associated with this oligomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
TETRAETHYL ORTHOSILICATE	78-10-4	0 - 0.37 %	LT- U	N	N	Acrylate Polymer Coating: Oligomer
MAMMALIAN	EU R-Phrases: R20: Harmful by inhalation.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
This oligomer reacts with other ingredients to create a polymer. The health hazards associated with this oligomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
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 lists						
The range was provided by the supplier.							
1,6-Hexanediol diacrylate	13048-33-4	0 - 0.25 %	LT- P1	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-Phrases: R43: May cause sensitization by skin contact. (also in MAK)						
MULTIPLE	VwVwS: Class 2 Hazard to Waters						
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 lists						
Unknown	Unknown	0 - 0.2 %		N	N		Acrylate Polymer Coating: Monomer #2
Unknown	Not disclosed by supplier						
This monomer reacts with other ingredients to create a polymer. The health hazards associated with this monomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.							
Polyethylene glycol nonylphenyl ether	9016-45-9	0 - 0.19 %	LT- P1	N	N		Dielectric Aramid Strength Member: Yarn coating
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in OSPAR, SIN)						
MULTIPLE	VwVwS: Class 2 Hazard to Waters (also in EPA Action)						
PBT	OSPAR: PBT - Chemical for Priority Action						
DEVELOPMENTAL	EPA Action: Developmental Effects						
REPRODUCTIVE	EPA Action: Reproductive effects						
CHRON AQUATIC	EPA Action: Highly toxic to aquatic organisms						
The range was provided by the supplier.							
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-Statements: H361f Suspected of damaging fertility						
MULTIPLE	VwVwS: Class 2 Hazard to Waters						
Unknown	Unknown	0 - 0.18 %		N	N		Acrylate Polymer Coating: Photoinitiator #1

Unknown	Not disclosed by supplier					
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.						
Unknown	Unknown	0 - 0.18 %	LT-P1	N	N	Acrylate Polymer Coating: Additive
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.						
1,6-Hexanediol diacrylate	13048-33-4	0 - 0.16 %	LT-P1	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-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
Range disclosed by supplier.						
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 lists					
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 lists					
Unknown	Unknown	0 - 0.11 %	LT-P1	N	N	Acrylate Polymer Coating: Photoinitiator #2
REPRODUCTIVE	EU H-Statements: H361f Suspected of damaging fertility					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.						
CHROMIUM (III) OXIDE	1308-38-9	0 - 0.09 %	LT-U	N	N	Riser Jacket and Tight Buffer: Pigment
None found	No warnings found on HPD Priority lists					
Based on ranges disclosed by the supplier.						
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-Statements: H361f Suspected of damaging fertility					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
Range disclosed by supplier.						
KEVLAR	26125-61-1	0 -	LT-	N	N	Rip Cord: Alternate

		0.07 %	U			Rip Cord Material
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
This material is an alternate material to the polyester rip cord and may be used instead in the products.						
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 hazards have been fully disclosed.						
PENTAERYTHRITOL TRIACRYLATE	3524-68-3	0 - 0.03 %	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-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
Titanium dioxide	13463-67-7	0 - 0.02 %	LT-1	N	N	UV Ink: Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
COPPER COMPOUNDS		0 - 0.02 %	LT-1	N	N	UV Ink: Pigments
DEVELOPMENTAL	Prop 65: Developmental toxicity					
Unknown	Unknown	0 - 0.02 %	LT-U	N	N	Acrylate Polymer Coating: Monomer #3
MAMMALIAN	EU R-Phrases: R24: Toxic in contact with skin.					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
This monomer reacts with other ingredients to create a polymer. The health hazards associated with this monomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
CARBON BLACK	1333-86-4	0 - 0.02 %	LT-1	N	N	UV Ink: Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
PHTHALOCYANINE GREEN	1328-53-6	0 - 0.01 %	LT-U	N	N	Riser Jacket and Tight Buffer: Pigment
None found	No warnings found on HPD Priority lists					
Based on ranges disclosed by the supplier.						
Unknown	Unknown	0 - 0.01 %	LT-P1	N	N	Acrylate Polymer Coating: Adhesion

							promoter
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters						
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.							
Manganese antimony titanium buff rutile	68412-38-4	0 - 0.01 %	LT- U	N	N		Riser Jacket and Tight Buffer: Pigment
None found	No warnings found on HPD Priority lists						
Based on ranges disclosed by the supplier.							
Ethylene glycol monobutyl ether (EGBE)	111-76-2	0 - 0.01 %	LT- U	N	N		Rip Cord: Alternate Rip Cord Coating Material
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-Phrases: R38: Irritating to skin. (also in EU H-Statements)						
This material is an alternate coating material for the rip cord.							
Isopropyl Alcohol	67-63-0	0 - 0.01 %	LT- U	N	N		Rip Cord: Alternate Rip Cord Coating Material
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)						
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.						
This material is an alternate material to the polyester rip cord and may be used instead in the products.							
C.I. PIGMENT BLUE 15	147-14-8	0 - 0.01 %	LT- U	N	N		Riser Jacket and Tight Buffer: Pigment
None found	No warnings found on HPD Priority lists						
Based on ranges disclosed by the supplier.							
Unknown	Unknown	0 %		N	N		Acrylate Polymer Coating: Additive #2
Unknown	Not disclosed by supplier						
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.							
Unknown	Unknown	0 %		N	N		Acrylate Polymer Coating: Monomer #4
Unknown	Not disclosed by supplier						
This monomer reacts with other ingredients to create a polymer. The health hazards associated with this monomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.							
Unknown	Unknown	0 %		N	N		Acrylate Polymer Coating: Stabilizer
Unknown	Not disclosed by supplier						
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.							

Unknown	Unknown	0 %	LT-U	N	N	Acrylate Polymer Coating: Monomer #5
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes.					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin.					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
This monomer reacts with other ingredients to create a polymer. The health hazards associated with this monomer are not necessarily relevant to the reacted product; however, this polymer has not been classified under the Chemical Abstract Service.						
Unknown	Unknown	0 %		N	N	Acrylate Polymer Coating: Stabilizer #2
Unknown	Not disclosed by supplier					
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.						
Polyethylene glycol nonylphenyl ether	9016-45-9	0 %	LT-P1	N	N	Rip Cord: Alternate Rip Cord Coating Material
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in OSPAR, SIN)					
MULTIPLE	VwVwS: Class 2 Hazard to Waters (also in EPA Action)					
PBT	OSPAR: PBT - Chemical for Priority Action					
DEVELOPMENTAL	EPA Action: Developmental Effects					
REPRODUCTIVE	EPA Action: Reproductive effects					
CHRON AQUATIC	EPA Action: Highly toxic to aquatic organisms					
This material is an alternate material to the polyester rip cord and may be used instead in the products.						
Unknown	Unknown	0 %	LT-U	N	N	Acrylate Polymer Coating: Inhibitor
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
This ingredient is proprietary to the supplier; however, the hazards have been fully disclosed.						
Titanium dioxide	13463-67-7	0 %	LT-1	N	N	Rip Cord: Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
CARBON BLACK	1333-86-4	0 %	LT-1	N	N	UV Strong Process Black Ink: Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					

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.

Type	Standard or Certification	Certifier or Laboratory
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	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.