

Name Premises Riser Fiber Optic Cable: Interlock Armored, Tight Buffer



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 Interlock Armored, Tight Buffer - OFCR fiber optic cable.

Release Date 2015-02-19 Expiry Date 2018-02-19
HPD URL https://tool.hpdcollaborative.org/upl...
Certifier Certicate #

SUMMARY DISCLOSURE

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

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

Contents in Descending Order of Quantity

POLYVINYL CHLORIDE (PVC), ALUMINUM, Unknown, PARA-ARAMID FIBRILS, GLASS / MINERAL FIBER, POLYETHYLENE TEREPHTHALATE (PET), POLYETHYLENE TEREPHTHALATE (PET), POLYACRYLIC ACID, SODIUM SALT, POLYETHYLENE TEREPHTHALATE (PET), Ethylene glycol monobutyl ether (EGBE), POLYETHYLENE TEREPHTHALATE (PET), Unknown, ANTIMONY TRIOXIDE, Unknown, Unknown, Titanium dioxide, Unknown, GLASS / MINERAL FIBER, Unknown, Unknown, 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]-, C.I. Pigment Yellow 100, CARBON BLACK, C.I. Pigment Yellow 104, Unknown, Unknown, CHROMIUM (III) OXIDE, Unknown, Unknown, Isopropyl Alcohol, KEVLAR, Tripropylene glycol diacrylate, Unknown, Unknown, POLYURETHANE, PENTAERYTHRITOL TETRAACRYLATE, TRIMETHYLOLPROPANE TRIACRYLATE, TETRAETHYL ORTHOSILICATE, Undisclosed (Isoburnyl acrylate), Polyethylene glycol nonylphenyl ether, KEVLAR, 1,6-Hexanediol diacrylate, hydroxycyclohexyl phenyl ketone, Unknown, diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide, Unknown, Unknown, 1,6-Hexanediol diacrylate, C.I. PIGMENT BLUE 15, PHTHALOCYANINE GREEN, Manganese antimony titanium buff rutile, hydroxycyclohexyl phenyl ketone, TRIS(2-METHOXYETHOXY)VINYLSILANE, Unknown, diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide, Ethylene glycol monobutyl ether (EGBE), Isopropyl Alcohol, Titanium dioxide, Polyethylene glycol nonylphenyl ether, Isopropyl Alcohol, Ethylene glycol monobutyl ether (EGBE), Unknown, Unknown, PENTAERYTHRITOL TRIACRYLATE, Polyethylene glycol nonylphenyl ether, Titanium dioxide, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, CARBON BLACK, Titanium dioxide, Unknown

Hazards Highest concern GreenScreen score - Benchmark 1
PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation
Development Reproductive Endocrine Respiratory
Neurotoxicity Land toxicity Multiple Unknown
Mammal Physical hazard Unknown
Skin or Eye Global warming
Aquatic toxicity Ozone depletion

Total VOC Content Material (g/L) N/A Regulatory (g/L) N/A
Does the product contain exempt VOCs? Are there VOC-free tints available?

Notes

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**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](http://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](http://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						
<b>POLYVINYL CHLORIDE (PVC)</b>	9002-86-2	34 - 47.59 %	LT-U	N	N	Riser Jacket and Tight Buffer: Jacketing polymer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
Based on ranges disclosed by the supplier.						
<b>ALUMINUM</b>	7429-90-5	26.03 %	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					
<b>Unknown</b>	Unknown	13.6 - 27.2 %	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.						

<b>PARA-ARAMID FIBRILS</b>	24938-64-5	1.72 - 3.37 %	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.						
<b>GLASS / MINERAL FIBER</b>	65997-17-3	0.44 - 1.46 %	LT- U	N	N	Optical Fiber: Data transmission
None found	No warnings found on HPD Priority lists					
Based on ranges disclosed by suppliers						
<b>POLYETHYLENE TEREPHTHALATE (PET)</b>	25038-59-9	0.36 - 0.38 %	LT- U	N	N	Polyester Tape: Film
None found	No warnings found on HPD Priority lists					
<b>POLYETHYLENE TEREPHTHALATE (PET)</b>	25038-59-9	0.34 %	LT- U	U	U	Rip Cord: Thread
None found	No warnings found on HPD Priority lists					
<b>POLYACRYLIC ACID, SODIUM SALT</b>	9003-04-7	0.18 - 0.27 %	LT- U	N	N	Binder Yarn: Super absorbent
None found	No warnings found on HPD Priority lists					
<b>POLYETHYLENE TEREPHTHALATE (PET)</b>	25038-59-9	0.18 %	LT- U	U	U	Rip Cord: Thread
None found	No warnings found on HPD Priority lists					
<b>Ethylene glycol monobutyl ether (EGBE)</b>	111-76-2	0.17 - 0.34 %	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.						
<b>POLYETHYLENE TEREPHTHALATE (PET)</b>	25038-59-9	0.09 - 0.18 %	LT- U	N	N	Binder Yarn: Yarn
None found	No warnings found on HPD Priority lists					

<b>Unknown</b>	Unknown	0.07 - 3.4 %		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.						
<b>ANTIMONY TRIOXIDE</b>	1309-64-4	0.07 - 3.4 %	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.						
<b>Unknown</b>	Unknown	0.07 - 3.4 %		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.						
<b>Unknown</b>	Unknown	0.07 - 3.4 %	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.						
<b>Titanium dioxide</b>	13463-67-7	0.07 - 3.4 %	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.						
<b>Unknown</b>	Unknown	0.01 - 0.03 %		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.						
<b>GLASS / MINERAL FIBER</b>	65997-17-3	0.01 %	LT-U	N	N	Central Strength Member: Strength Reinforcement
None found	No warnings found on HPD Priority lists					
Range provided by supplier.						
<b>Unknown</b>	Unknown	0 - 6.8 %	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.						
<b>Unknown</b>	Unknown	0 - 3.4 %	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.						
<b>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]-</b>	30125-47-4	0 - 3.4 %	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.						
<b>C.I. Pigment Yellow 100</b>	12225-21-7	0 - 3.4 %	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.						
<b>CARBON BLACK</b>	1333-86-4	0 - 3.4 %	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.						
<b>C.I. Pigment Yellow 104</b>	15790-07-5	0 - 3.4 %	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.						
<b>Unknown</b>	Unknown	0 - 3.4 %		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.						
<b>Unknown</b>	Unknown	0 - 0.71 %		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.						
<b>CHROMIUM (III) OXIDE</b>	1308-38-9	0 - 0.68 %	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.						
<b>Unknown</b>	Unknown	0 - 0.41 %		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.

<b>Unknown</b>	Unknown	0 - 0.36 %	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.

<b>Isopropyl Alcohol</b>	67-63-0	0 - 0.34 %	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.						

<b>KEVLAR</b>	26125-61-1	0 - 0.31 %	LT- U	N	N	Rip Cord: Alternate 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.						

<b>Trippropylene glycol diacrylate</b>	42978-66-5	0 - 0.28 %	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.

<b>Unknown</b>	Unknown	0 - 0.26 %		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.

<b>Unknown</b>	Unknown	0 - 0.26 %		U	N	Acrylate Polymer Coating: Oligomer #3
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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.						
<b>POLYURETHANE</b>	64440-88-6	0 - 0.24 %	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.						
<b>PENTAERYTHRITOL TETRAACRYLATE</b>	4986-89-4	0 - 0.22 %	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.						
<b>TRIMETHYLOLPROPANE TRIACRYLATE</b>	15625-89-5	0 - 0.22 %	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.						
<b>TETRAETHYL ORTHOSILICATE</b>	78-10-4	0 - 0.17 %	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.						
<b>Undisclosed (Isoburnyl acrylate)</b>	Undisclosed	0 - 0.17 %	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.						
<b>Polyethylene glycol nonylphenyl ether</b>	9016-45-9	0 - 0.17 %	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.						
<b>KEVLAR</b>	26125-61-1	0 - 0.16 %	LT- U	N	N	Rip Cord: Alternate 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.						
<b>1,6-Hexanediol diacrylate</b>	13048-33-4	0 - 0.12 %	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					
<b>hydroxycyclohexyl phenyl ketone</b>	947-19-3	0 - 0.12 %	LT- U	N	N	Optical Fiber: Fiber protection coating
None found	No warnings found on HPD Priority lists					
<b>Unknown</b>	Unknown	0 - 0.09 %		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.						
<b>diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide</b>	75980-60-8	0 - 0.09 %	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					
<b>Unknown</b>	Unknown	0 - 0.08 %		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.						
<b>Unknown</b>	Unknown	0 - 0.08 %	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.						
<b>1,6-Hexanediol diacrylate</b>	13048-33-4	0 - 0.07 %	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.						
<b>C.I. PIGMENT BLUE 15</b>	147-14-8	0 - 0.07 %	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.						
<b>PHTHALOCYANINE GREEN</b>	1328-53-6	0 - 0.07 %	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.						
<b>Manganese antimony titanium buff rutile</b>	68412-38-4	0 - 0.07 %	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.						
<b>hydroxycyclohexyl phenyl ketone</b>	947-19-3	0 - 0.07 %	LT-U	N	N	Optical Fiber: Fiber protection coating
None found	No warnings found on HPD Priority lists					
Range disclosed by supplier.						
<b>TRIS(2-METHOXYETHOXY)VINYLSILANE</b>	1067-53-4	0 - 0.06 %	LT-U	N	N	Optical Fiber: Fiber protection coating
None found	No warnings found on HPD Priority lists					
<b>Unknown</b>	Unknown	0 - 0.05 %	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.						
<b>diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide</b>	75980-60-8	0 - 0.04 %	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.						
<b>Ethylene glycol monobutyl ether (EGBE)</b>	111-76-2	0 - 0.03 %	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.						
<b>Isopropyl Alcohol</b>	67-63-0	0 - 0.03 %	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.						
<b>Titanium dioxide</b>	13463-67-7	0 - 0.02 %	LT- 1	N	N	Polyester Tape: Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
<b>Polyethylene glycol nonylphenyl ether</b>	9016-45-9	0 - 0.02 %	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.						
<b>Isopropyl Alcohol</b>	67-63-0	0 - 0.02 %	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.						

<b>Ethylene glycol monobutyl ether (EGBE)</b>	111-76-2	0 - 0.02 %	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.						
<b>Unknown</b>	Unknown	0 - 0.02 %		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.						
<b>Unknown</b>	Unknown	0 - 0.01 %	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.						
<b>PENTAERYTHRITOL TRIACRYLATE</b>	3524-68-3	0 - 0.01 %	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)					
<b>Polyethylene glycol nonylphenyl ether</b>	9016-45-9	0 - 0.01 %	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.						
<b>Titanium dioxide</b>	13463-67-7	0 %	LT- 1	N	N	Rip Cord: Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					

<b>Unknown</b>	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.						
<b>Unknown</b>	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.						
<b>Unknown</b>	Unknown	0 %	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.						
<b>Unknown</b>	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.						
<b>Unknown</b>	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.						
<b>Unknown</b>	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.						
<b>Unknown</b>	Unknown	0 %		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.						
<b>CARBON BLACK</b>	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)					

<b>Titanium dioxide</b>	13463-67-7	0 %	LT-1	N	N	Rip Cord: Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
<b>Unknown</b>	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.						

**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
	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
<b>Condition when required or recommended and/or other notes</b>	

**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.