

Name Superior Essex 4-Pair Riser Copper Cable: Category 6+ LSHF



Product ID 66-246-xM Classification 27 10 00.00 Communications: Structured Cabling

Website www.ce.superioressex.com

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Description This HPD covers the Superior Essex 4-Pair riser Category 6+ LSHF copper cable. Superior Essex Category 6+ LSHF CMR cable is designed for applications requiring a Low Smoke Halogen Free (LSHF) construction. CAT 6 compliance ensures this cable will support 1000BASE-T Gigabit Ethernet. This cable easily surpasses the Grade 2 requirements specified in the ANSI/TIA/EIA-570-B Residential Telecommunications standard.

Release Date 2015-03-13 Expiry Date 2018-03-13
HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/771/2985-20150313133350.pdf
Certifier Certificate #

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
Full Disclosure of Known Hazards Disclosure Notes

Contents in Descending Order of Quantity

COPPER, Alumina trihydrate, POLYETHYLENE, ETHYLENE VINYL ACETATE POLYMER (EVA), Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, Unknown, ETHYLENE VINYL ACETATE POLYMER (EVA), LIMESTONE; CALCIUM CARBONATE, C.I. PIGMENT BLUE 15, Titanium dioxide, POLYETHYLENE, LIMESTONE; CALCIUM CARBONATE, FERRIC OXIDE, 2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, BARIUM SALT (1:1) (9CI), Aluminum Powder, PHTHALOCYANINE GREEN, 1H-Isoindol-1-one, 3,3'-(1,4-phenylenediimino) bis[4,5,6,7-tetrachloro-, 2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE), 2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(2-M-EHYLPHENYL)-3-OXOBUTYRAMIDE), 2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, BARIUM SALT (1:1) (9CI), WHITE MINERAL OIL, C.I. PIGMENT BLUE 15, CARBON BLACK, CARBON BLACK, CARBON BLACK, 2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, CALCIUM SALT (1:1) (9CI), Iron oxide, Pyrrolo[3,4-c]pyrrole-1,4-dione,3,6-bis(4-chlorophenyl)-2,5-dihydro-

Hazards Highest concern GreenScreen score - List Translator Benchmark 1
PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation
Development Reproductive Endocrine Respiratory
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? Are there VOC-free tints available?

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](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>COPPER</b>	7440-50-8	41.48 %	LT-P1	N	U	Electrical Conductor
None found	No warnings found on HPD Priority lists					
<b>Alumina trihydrate</b>	21645-51-2	23.41 - 33.44 %	2	N	N	EVA Jacket: Flame Retardant
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
This range was provided by the supplier.						
<b>POLYETHYLENE</b>	9002-88-4	10.53 - 10.74 %	LT-U	N	N	HDPE Wire Insulation: Wire Insulation
None found	No warnings found on HPD Priority lists					
Ranges disclosed by supplier.						
<b>ETHYLENE VINYL ACETATE POLYMER (EVA)</b>	24937-78-8	9.36 - 19.11 %	LT-U	N	N	EVA Jacket: Jacket Polymer
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier.						
<b>Unknown</b>	Unknown	0.05 - 2.39 %		N	N	EVA Jacket: Polymer
Unknown	Not disclosed by supplier					

This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0.05 - 2.39 %		N	N	EVA Jacket: Polymer
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0.05 - 2.39 %		N	N	EVA Jacket: Thermal Stabilizer
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0.05 - 2.39 %	LT-P1	N	N	EVA Jacket: Lubricant
PBT						
DSL: Persistent, Bioaccumulative and inherently Toxic (PBiT) to humans						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0.05 - 2.39 %		N	N	EVA Jacket: Additive
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0.05 - 2.39 %		N	N	EVA Jacket: UV Stabilizer
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0.04 - 2.27 %		N	N	Thermal Stabilizer for EVA Jacket: Silane
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, all health hazards have been disclosed.						
<b>Unknown</b>	Unknown	0.04 - 2.27 %		N	N	Additive for EVA Jacket: Silane
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, all health hazards have been disclosed.						
<b>Unknown</b>	Unknown	0 - 0.48 %		N	N	EVA Jacket: Thermal Stabilizer
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0 - 0.48 %		N	N	Thermal Stabilizer for EVA Jacket: Processing Aid
Unknown						
Not disclosed by supplier						

This material is considered proprietary by the supplier; however, all health hazards have been disclosed.						
<b>Unknown</b>	Unknown	0 - 0.48 %		N	N	Additive for EVA Jacket: Processing Aid
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, all health hazards have been disclosed.						
<b>Unknown</b>	Unknown	0 - 0.48 %	LT-U	N	N	EVA Jacket: Thermal Stabilizer
RESPIRATORY						
AOEC: Asthmagen (ARs) - sensitizer-induced						
MAMMALIAN						
EU R-Phrases: R22: Harmful if swallowed.						
SKIN IRRITATION						
EU H-Statements: H317 May cause an allergic skin reaction						
SKIN SENSITIZE						
EU R-Phrases: R43: May cause sensitization by skin contact.						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0 - 0.48 %		N	N	Thermal Stabilizer for EVA Jacket: Silane
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, all health hazards have been disclosed.						
<b>Unknown</b>	Unknown	0 - 0.48 %		N	N	Additive for EVA Jacket: Silane
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, all health hazards have been disclosed.						
<b>Unknown</b>	Unknown	0 - 0.48 %		N	N	EVA Jacket: Additive
Unknown						
Not disclosed by supplier						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>Unknown</b>	Unknown	0 - 0.48 %	LT-P1	N	N	EVA Jacket: Thermal Stabilizer
PBT						
DSL: Persistent, Bioaccumulative and inherently Toxic (PBiT) to aquatic organisms						
MULTIPLE						
VwWwS: Class 2 Hazard to Waters						
This material is considered proprietary by the supplier; however, the range and health hazards are disclosed.						
<b>ETHYLENE VINYL ACETATE POLYMER (EVA)</b>	24937-78-8	0 - 0.46 %	LT-U	N	N	Blue EVA Color Concentrate: Carrier Polymer
None found						
No warnings found on HPD Priority lists						
This range was provided by the supplier.						
<b>LIMESTONE; CALCIUM CARBONATE</b>	1317-65-3	0 - 0.38 %	LT-U	N	N	Blue EVA Color Concentrate: Extender Pigment

None found	No warnings found on HPD Priority lists					
This range was provided by the supplier.						
<b>C.I. PIGMENT BLUE 15</b>	147-14-8	0 - 0.38 %	LT-U	N	N	Blue EVA Color Concentrate: Pigment
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier.						
<b>Titanium dioxide</b>	13463-67-7	0 - 0.12 %	LT-1	N	N	Wire Insulation Color Concentrate: Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>POLYETHYLENE</b>	9002-88-4	0 - 0.12 %	LT-U	N	N	Wire Insulation Color Concentrate: Carrier Resin
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>LIMESTONE; CALCIUM CARBONATE</b>	1317-65-3	0 - 0.07 %	LT-U	N	N	Wire Insulation Color Concentrate: Extender Pigment
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>FERRIC OXIDE</b>	1309-37-1	0 - 0.04 %	2	N	N	Wire Insulation Color Concentrate: Pigment
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, BARIUM SALT (1:1) (9CI)</b>	7585-41-3	0 - 0.03 %	LT-U	N	N	Blue EVA Color Concentrate: Pigment
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
This range was provided by the supplier.						
<b>Aluminum Powder</b>	91728-14-2	0 - 0.02 %		N	N	Wire Insulation Color Concentrate: Pigment
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>PHTHALOCYANINE GREEN</b>	1328-53-6	0 - 0.02 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>1H-Isoindol-1-one, 3,3'-(1,4-phenylenediimino) bis[4,5,6,7-tetrachloro-</b>	5590-18-1	0 - 0.02 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment

None found	No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE)</b>	5567-15-7	0 - 0.01 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(2-M-EHYLPHENYL)-3-OXOBUTYRAMIDE)</b>	5468-75-7	0 - 0.01 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, BARIUM SALT (1:1) (9CI)</b>	7585-41-3	0 - 0.01 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>WHITE MINERAL OIL</b>	8042-47-5	0 - 0.01 %	LT-U	N	N	Blue EVA Color Concentrate: Pigment Processing Aid
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier.						
<b>C.I. PIGMENT BLUE 15</b>	147-14-8	0 - 0.01 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment
None found	No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>CARBON BLACK</b>	1333-86-4	0 - 0.01 %	LT-1	N	N	Blue EVA Color Concentrate: Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
This range was provided by the supplier.						
<b>CARBON BLACK</b>	1333-86-4	0 %	LT-1	N	N	Wire Insulation Color Concentrate: Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<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)					
This range was provided by the supplier for the various color concentrates used in the wire insulation.						
<b>2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, CALCIUM SALT (1:1) (9CI)</b>	7023-61-2	0 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment

None found		No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.							
<b>Iron oxide</b>	1317-61-9	0 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment	
CANCER		MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
This range was provided by the supplier for the various color concentrates used in the wire insulation.							
<b>Pyrrolo[3,4-c]pyrrole-1,4-dione,3,6-bis(4-chlorophenyl)-2,5-dihydro-</b>	84632-65-5	0 %	LT-U	N	N	Wire Insulation Color Concentrate: Pigment	
None found		No warnings found on HPD Priority lists					
This range was provided by the supplier for the various color concentrates used in the wire insulation.							

**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**

This Health Product Declaration was prepared by Sustainable Solutions Corporation of Royersford, Pennsylvania on behalf of Superior Essex.