

Name Superior Essex 4-Pair Plenum Copper Cable: Category 6 with FEP Jacket



Product ID 66-246-xP/66-272-xP Classification 27 10 00.00 Communications: Structured Cabling

Website www.ce.superioressex.com/

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Description FEP Jacketed Category 6 Plenum is designed for high-risk applications such as chemical processing plants, petroleum refineries, and temperature extremes. Employing the latest polymer technology, FEP Jacketed Category 6 Plenum is constructed entirely of chemical, oil, heat, and moisture resistant FEP fluoropolymer. It is ideally suited for industrial UTP applications where severe environmental stresses would compromise standard PVC plenum cables. Additionally, the cable is specially processed to ensure a more durable print legend.

Release Date 2014-07-15 Self-declared
 Expiry Date 2017-07-15 Second Party Certifier
 HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/211/1366-20140715101024.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) Full Disclosure of Intentional Ingredients Yes No
 Measured 1000 ppm Full Disclosure of Known Hazards Yes No
 Predicted by process chemistry Disclosure Notes
 As per MSDS (1,000 & 10,000 ppm) There are no known residuals within the threshold of 1000 ppm in this product.
 Not disclosed
 Other

Contents in Descending Order of Quantity

COPPER, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, POLYETHYLENE TEREPHTHALATE (PET), Unknown, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, ZINC COMPOUNDS, BARIUM COMPOUNDS, C.I. pigment brown 33, C.I. pigment green 50, C.I. Pigment Blue 28, bismuth vanadium tetraoxide, C.I. Pigment Blue 28, bismuth vanadium tetraoxide, C.I. pigment brown 33, C.I. pigment green 50, Titanium dioxide, Titanium dioxide, Titanium dioxide, Titanium dioxide, Boron nitride (BN), C.I. Pigment Blue 28, C.I. Pigment Blue 28, CARBON BLACK, Anthra[2,1,9-def:6,5,10-d'ef] diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-bis[4-(phenylazo)phenyl]-, CARBON BLACK, C.I. pigment blue 36, C.I. pigment blue 36, Anthra[2,1,9-def:6,5,10-d'ef] diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-bis[4-(phenylazo)phenyl]-, CARBON BLACK

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

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

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

Notes

Certifications + Compliance

VOC Emissions Not tested VOC Content N/A
 Multi-attribute Environmental Claims Verification

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						
COPPER	7440-50-8	50.6 %	LT-P1	N	N	electrical conductor
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	26.4 %	LT-U	N	N	Plenum FEP Jacket: Jacketing material
None found	No warnings found on HPD Priority lists					
Only used in the Category 6 with FEP jacket product.						
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	20.1 - 20.9 %	LT-U	N	N	FEP Wire Insulation: polymer
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	1.78 - 1.8 %	LT-U	PI	N	FEP Cross-web separator: polymer
None found	No warnings found on HPD Priority lists					
POLYETHYLENE TEREPHTHALATE (PET)	25038-59-9	0.24 - 0.3 %	LT-U	N	N	Rip cord: thread
None found	No warnings found on HPD Priority lists					
Range provided by supplier						
Unknown	Unknown	0 - 0.8 %		N	N	FEP Wire Insulation: Process Aid
Unknown	Not disclosed by supplier					
This constituent is proprietary to the supplier; however the health hazards have been reviewed by the supplier and there were no warnings found on the HPD Priority lists.						

1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.42 %	LT-U	N	N	Brown 4052: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.42 %	LT-U	N	N	Green 4063: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.42 %	LT-U	N	N	White 4062: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.42 %	LT-U	N	N	Blue 4064: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.42 %	LT-U	N	N	Orange 4055: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.34 %	LT-U	N	N	Blue 4064: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.34 %	LT-U	N	N	Brown 4052: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.34 %	LT-U	N	N	White 4062: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.34 %	LT-U	N	N	Orange 4055: carrier resin
None found	No warnings found on HPD Priority lists					
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 0.34 %	LT-U	N	N	Green 4063: carrier resin
None found	No warnings found on HPD Priority lists					
ZINC COMPOUNDS		0 - 0.21 %	LT-U	N	N	FEP Wire Insulation: additive

RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
BARIUM COMPOUNDS		0 - 0.21 %	LT-U	N	N	FEP Wire Insulation: additive
None found	No warnings found on HPD Priority lists					
C.I. pigment brown 33	68186-88-9	0 - 0.16 %	LT-U	N	N	Brown 4052: pigment
None found	No warnings found on HPD Priority lists					
C.I. pigment green 50	68186-85-6	0 - 0.16 %	LT-U	N	N	Green 4063: pigment
None found	No warnings found on HPD Priority lists					
C.I. Pigment Blue 28	1345-16-0	0 - 0.16 %	LT-U	N	N	Blue 4064: pigment
None found	No warnings found on HPD Priority lists					
bismuth vanadium tetraoxide	14059-33-7	0 - 0.16 %	LT-U	N	N	Orange 4055: pigment
None found	No warnings found on HPD Priority lists					
C.I. Pigment Blue 28	1345-16-0	0 - 0.13 %	LT-U	N	N	Blue 4064: pigment
None found	No warnings found on HPD Priority lists					
bismuth vanadium tetraoxide	14059-33-7	0 - 0.13 %	LT-U	N	N	Orange 4055: pigment
None found	No warnings found on HPD Priority lists					
C.I. pigment brown 33	68186-88-9	0 - 0.13 %	LT-U	N	N	Brown 4052: pigment
None found	No warnings found on HPD Priority lists					
C.I. pigment green 50	68186-85-6	0 - 0.13 %	LT-U	N	N	Green 4063: pigment
None found	No warnings found on HPD Priority lists					
Titanium dioxide	13463-67-7	0 - 0.11 %	LT-1	N	N	White 4062: pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					

Titanium dioxide	13463-67-7	0 - 0.08 %	LT-1	N	N	White 4062: pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Titanium dioxide	13463-67-7	0 - 0.02 %	LT-1	N	N	Blue 4064: pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Titanium dioxide	13463-67-7	0 - 0.02 %	LT-1	N	N	Blue 4064: pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Boron nitride (BN)	10043-11-5	0 - 0.02 %	LT-U	PC	N	FEP Cross-web separator: process aid
None found	No warnings found on HPD Priority lists					
C.I. Pigment Blue 28	1345-16-0	0 - 0.01 %	LT-U	N	N	White 4062: pigment
None found	No warnings found on HPD Priority lists					
C.I. Pigment Blue 28	1345-16-0	0 - 0.01 %	LT-U	N	N	White 4062: pigment
None found	No warnings found on HPD Priority lists					
CARBON BLACK	1333-86-4	0 - 0.01 %	LT-1	N	N	Brown 4052: pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Anthra[2,1,9-def:6,5,10-d'e'f] diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-bis[4-(phenylazo)phenyl]-	3049-71-6	0 - 0.01 %	LT-U	N	N	Orange 4055: pigment
None found	No warnings found on HPD Priority lists					
CARBON BLACK	1333-86-4	0 - 0.01 %	LT-1	N	N	Brown 4052: pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
C.I. pigment blue 36	68187-11-1	0 - 0.01 %	LT-U	N	N	Blue 4064: pigment
None found	No warnings found on HPD Priority lists					
C.I. pigment blue 36	68187-11-1	0 - 0.01 %	LT-U	N	N	Blue 4064: pigment

None found	No warnings found on HPD Priority lists					
Anthra[2,1,9-def:6,5,10-d'e'f'] diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-bis[4-(phenylazo)phenyl]-	3049-71-6	0 - 0.01 %	LT-U	N	N	Orange 4055: pigment
None found	No warnings found on HPD Priority lists					
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
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Multi-attribute	Environmental Claims Verification			UL Environment Inc.
	3rd party independent certification	2014-06-06	2019-06-06	productguide.ulenvironment.com/productDocuments/1906/15/101.1_EPД_Superior%20Essex_Plenum_20140606.pdf
	Hoisington, Kansas			

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
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Condition when required or recommended and/or other notes	

NOTES

This Health Product Declaration was prepared by Sustainable Solutions Corporation of Royersford, Pennsylvania.