

Name Superior Essex 4-Pair Plenum Copper Cables: NextGain Category 6eX, DataGain Category 6+, Category 6, Cobra Category 5e+, Marathon LAN Category 5e



Product ID	54-246-xB/54-272-xB, 66-246-xB/66-272-xB/66-240-xB, 77-246-xB/77-272-xB/77-240-xB/77-273-xB, 52-200-x8/52-241-x8, 51-243-x8/51-241-x8/51-220-x8/51-273-x8	Classification	27 10 00.00 Communications: Structured Cabling
Website	www.ce.superioressex.com/		
Manufacturer Address	Superior Essex 6120 Powers Ferry Road Suite 150 Atlanta, GA 30339 USA	Contact Name Title	Steve Born Sr. Applications Engineer, LEED AP BD+C
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Description This HPD covers the Superior Essex 4-Pair plenum copper cables including:

- NextGain Category 6eX - CMP: Part Number 54-246-xB/54-272-xB
- DataGain Category 6+ - CMP: Part Number 66-246-xB/66-272-xB/66-240-xB
- Category 6 - CMP: Part number: 77-246-xB/77-272-xB/77-240-xB/77-273-xB
- Cobra Category 5e+ - CMP: Part number: 52-200-x8/52-241-x8
- Marathon LAN Category 5e - CMP: Part number: 51-243-x8/51-241-x8/51-220-x8/51-273-x8

Release Date	2014-07-15	<input checked="" type="checkbox"/> Self-declared	
Expiry Date	2017-07-15	<input type="checkbox"/> Second Party	Certifier
HPD URL	https://tool.hpdcollaborative.org/uploads/files/hpds/211/1368-20140715101527.pdf	<input type="checkbox"/> Third Party	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	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input type="checkbox"/> Measured 100 ppm (ideal)	Full Disclosure of Known Hazards	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<input checked="" type="checkbox"/> Measured 1000 ppm	Disclosure Notes		
<input type="checkbox"/> Predicted by process chemistry			
<input type="checkbox"/> As per MSDS (1,000 & 10,000 ppm)			
<input type="checkbox"/> Not disclosed			
<input type="checkbox"/> Other			

Contents in Descending Order of Quantity

COPPER, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, POLYVINYL CHLORIDE (PVC), Unknown, Unknown, Unknown, Unknown, Unknown, POLYETHYLENE TEREPHTHALATE (PET), Unknown, 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene, Unknown, Unknown, Unknown, Unknown, Unknown, 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, Titanium dioxide, POLYVINYL CHLORIDE (PVC), Unknown, POLYVINYL CHLORIDE (PVC), POLYVINYL CHLORIDE (PVC), LIMESTONE; CALCIUM CARBONATE, BARIUM COMPOUNDS, ZINC COMPOUNDS, LIMESTONE; CALCIUM CARBONATE, POLYVINYL CHLORIDE (PVC), LIMESTONE; CALCIUM CARBONATE, Unknown, Bis(2-ethylhexyl) terephthalate, C.I. pigment brown 33, C.I. pigment green 50, C.I. Pigment Blue 28, bismuth vanadium tetraoxide, Bis(2-ethylhexyl) terephthalate, Bis(2-ethylhexyl) terephthalate, Bis(2-ethylhexyl) terephthalate, Titanium dioxide, PHTHALOCYANINE GREEN, C.I. PIGMENT BLUE 15, KAOLIN CLAY, Titanium dioxide, Boron nitride (BN), CARBON BLACK, 2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(2-M-EHYLPHENYL)-3-OXOBUTYRAMIDE), C.I. Pigment Blue 28, C.I. Pigment Green 36, C.I. pigment blue 36, CALCIUM STEARATE, 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]-, C.I. PIGMENT BLUE 15, CALCIUM STEARATE, CARBON BLACK, CARBON BLACK, STEARIC ACID, 2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, CALCIUM SALT (1:1) (9CI), CALCIUM STEARATE, VINYL CHLORIDE (VCM)

Hazards	<input type="checkbox"/> Development	Highest concern GreenScreen score - List Translator Benchmark 1		
<input checked="" type="checkbox"/> PBT (Persistent Bioaccumulative Toxic)	<input type="checkbox"/> Reproductive	<input type="checkbox"/> Neurotoxicity	<input type="checkbox"/> Land toxicity	<input checked="" type="checkbox"/> Multiple
<input checked="" type="checkbox"/> Cancer	<input checked="" type="checkbox"/> Endocrine	<input checked="" type="checkbox"/> Mammal	<input checked="" type="checkbox"/> Physical hazard	<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> Gene Mutation	<input checked="" type="checkbox"/> Respiratory	<input type="checkbox"/> Skin or Eye	<input type="checkbox"/> Global warming	
		<input checked="" type="checkbox"/> Aquatic toxicity	<input type="checkbox"/> Ozone depletion	

Total VOC Content Material (g/L)	N/A	Does the product contain exempt VOCs?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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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	45.44 - 50.7 %	LT-P1	N	N	electrical conductor
None found	No warnings found on HPD Priority lists					
This material ranges in weight among the five products disclosed in this declaration.						
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	19.24 - 21.41 %	LT-U	N	N	FEP Wire Insulation: polymer
None found	No warnings found on HPD Priority lists					
POLYVINYL CHLORIDE (PVC)	9002-86-2	8.02 - 11.64 %	LT-U	N	N	Plenum Jacket: Jacketing polymer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
Range varies based on information from supplier.						
Unknown	Unknown	6.68 - 11.64 %	LT-U	N	N	Plenum Jacket: flame retardant
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
The material is proprietary; however, health impacts associated with this ingredient has been disclosed.						
Unknown	Unknown	0.8 - 4.36 %		N	N	Plenum Jacket: plasticizer
Unknown	Not disclosed by supplier					
This material is proprietary to the supplier however health hazards have been disclosed.						
Unknown	Unknown	0.8 - 2.04 %	LT-1	N	N	Plenum Jacket: plasticizer
PBT	EU PBT: Fulfills PBT criteria - action Deferred					
ENDOCRINE	OSPAR: Endocrine disruptor - Chemical for Priority Action					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					

This material is proprietary to the supplier however health hazards have been disclosed.

Unknown	Unknown	0.53 - 2.91 %		N	N	Plenum Jacket: charring agent
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Unknown
Not disclosed by supplier

This material is proprietary to the supplier however health hazards have been disclosed.

Unknown	Unknown	0.27 - 2.91 %	LT-1	N	N	Plenum Jacket: flame retardant
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PBT
EU PBT: Fulfills PBT criteria - action Deferred

ENDOCRINE
OSPAR: Endocrine disruptor - Chemical for Priority Action

MULTIPLE
VwVwS: Class 2 Hazard to Waters

This material is proprietary by the supplier; however, known health hazards have been disclosed.

POLYETHYLENE TEREPHTHALATE (PET)	25038-59-9	0.24 - 0.41 %	LT-U	N	N	Rip cord: thread
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None found
No warnings found on HPD Priority lists

Range provided by supplier

Unknown	Unknown	0 - 2.91 %		N	N	Plenum Jacket: flame retardant
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Unknown
Not disclosed by supplier

This material is proprietary to the supplier however health hazards have been disclosed.

1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene	25067-11-2	0 - 1.81 %	LT-U	PI	N	FEP Cross-web separator: polymer
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None found
No warnings found on HPD Priority lists

Unknown	Unknown	0 - 1.16 %		N	N	Plenum Jacket: Stabilizer
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Unknown
Not disclosed by supplier

The material is proprietary; however, health impacts associated with this ingredient has been disclosed.

Unknown	Unknown	0 - 0.87 %	LT-U	N	N	Plenum Jacket: filler
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CANCER
MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

This material is proprietary by the supplier; however, known health hazards are disclosed.

Unknown	Unknown	0 - 0.82 %		N	N	FEP Wire Insulation: Process Aid
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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.

Unknown	Unknown	0 - 0.58 %	LT-P1	N	N	Plenum Jacket: flame retardant
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MULTIPLE
VwVwS: Class 2 Hazard to Waters

This material is proprietary by the supplier; however, known health hazards have been disclosed.

Unknown	Unknown	0 - 0.58 %	LT-P1	N	N	Plenum Jacket: filler
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MULTIPLE
VwVwS: Class 2 Hazard to Waters

This material is proprietary by the supplier; however, known health hazards have been disclosed.

Unknown	Unknown	0 - 0.44 %	LT-1	N	N	Plenum Jacket: flame retardant
CANCER	Prop 65: Cancer					
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					
MULTIPLE	EPA Action: TSCA Work Plan chemical - Action Plan in development					
This material is proprietary by the supplier; however, known health hazards have been disclosed.						
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	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	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	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	Green 4063: carrier resin
None found	No warnings found on HPD Priority lists					
Titanium dioxide	13463-67-7	0 - 0.32 %	LT-1	N	N	White 369: pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
POLYVINYL CHLORIDE (PVC)	9002-86-2	0 - 0.3 %	LT-U	N	N	Blue 5152: carrier resin
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
Unknown	Unknown	0 - 0.29 %	LT-P1	N	N	Plenum Jacket: flame retardant
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
This material is proprietary by the supplier; however, known health hazards have been disclosed.						
POLYVINYL CHLORIDE (PVC)	9002-86-2	0 - 0.24 %	LT-U	N	N	Green 580: carrier resin

RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
POLYVINYL CHLORIDE (PVC)	9002-86-2	0 - 0.23 %	LT-U	N	N	Blue 115: carrier resin
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
LIMESTONE; CALCIUM CARBONATE	1317-65-3	0 - 0.22 %	LT-U	N	N	Blue 115: extender pigment
None found	No warnings found on HPD Priority lists					
BARIUM COMPOUNDS		0 - 0.21 %	LT-U	N	N	FEP Wire Insulation: additive
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					
LIMESTONE; CALCIUM CARBONATE	1317-65-3	0 - 0.2 %	LT-U	N	N	Green 580: extender pigment
None found	No warnings found on HPD Priority lists					
POLYVINYL CHLORIDE (PVC)	9002-86-2	0 - 0.15 %	LT-U	N	N	White 369: carrier resin
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
LIMESTONE; CALCIUM CARBONATE	1317-65-3	0 - 0.15 %	LT-U	N	N	Blue 5152: extender pigment
None found	No warnings found on HPD Priority lists					
Unknown	Unknown	0 - 0.15 %		N	N	Plenum Jacket: lubricant
Unknown	Not disclosed by supplier					
This material is proprietary by the supplier; however, known health hazards have been disclosed.						
Bis(2-ethylhexyl) terephthalate	6422-86-2	0 - 0.14 %	LT-U	N	N	Blue 5152: plasticizer
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-	0 - 0.13 %	LT-U	N	N	Green 4063: pigment

	85-6						
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						
Bis(2-ethylhexyl) terephthalate	6422-86-2	0 - 0.13 %	LT-U	N	N	Blue 115: plasticizer	
None found	No warnings found on HPD Priority lists						
Bis(2-ethylhexyl) terephthalate	6422-86-2	0 - 0.12 %	LT-U	N	N	Green 580: plasticizer	
None found	No warnings found on HPD Priority lists						
Bis(2-ethylhexyl) terephthalate	6422-86-2	0 - 0.1 %	LT-U	N	N	White 369: plasticizer	
None found	No warnings found on HPD Priority lists						
Titanium dioxide	13463-67-7	0 - 0.09 %	LT-1	N	N	White 4062: pigment	
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)						
PHthalocyanine GREEN	1328-53-6	0 - 0.06 %	LT-U	N	N	Green 580: pigment	
None found	No warnings found on HPD Priority lists						
C.I. PIGMENT BLUE 15	147-14-8	0 - 0.04 %	LT-U	N	N	Blue 115: pigment	
None found	No warnings found on HPD Priority lists						
KAOLIN CLAY	1332-58-7	0 - 0.04 %	LT-U	N	N	White 369: pigment	
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification						
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					
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)					
2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(2-M-EHYLPHENYL)-3-OXOBUTYRAMIDE)	5468-75-7	0 - 0.01 %	LT-U	N	N	Green 580: 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					
C.I. Pigment Green 36	14302-13-7	0 - 0.01 %	LT-U	N	N	Blue 5152: 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					
CALCIUM STEARATE	1592-23-0	0 - 0.01 %	LT-U	N	N	White 369: thermal stabilizer
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					
C.I. PIGMENT BLUE 15	147-14-8	0 %	LT-U	N	N	Blue 5152: pigment
None found	No warnings found on HPD Priority lists					
CALCIUM STEARATE	1592-23-0	0 %	LT-U	N	N	Blue 115: thermal stabilizer
None found	No warnings found on HPD Priority lists					
CARBON BLACK	1333-86-	0 %	LT-1	N	N	Blue 5152: pigment

	4						
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)						
carbon black is encapsulated within the resin matrix. There is no exposure to unbound or airborne particles of carbon black during normal handling and use of this product							
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)						
STEARIC ACID	57-11-4	0 %	LT-U	N	N	Blue 5152: pigment processing aid	
None found	No warnings found on HPD Priority lists						
2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, CALCIUM SALT (1:1) (9CI)	7023-61-2	0 %	LT-U	N	N	Blue 115: pigment	
None found	No warnings found on HPD Priority lists						
CALCIUM STEARATE	1592-23-0	0 %	LT-U	N	N	Green 580: thermal stabilizer	
None found	No warnings found on HPD Priority lists						
VINYL CHLORIDE (VCM)	75-01-4	R	LT-1			Monomer	
CANCER	IARC: Group 1: Agent is carcinogenic to humans (also in NTP-RoC, EPA-C, EU CMR (1), EU R-Phrases, EU H-Statements, Prop 65, NIOSH-C, MAK, EU CMR (2))						
FLAMMABLE	EU H-Statements: H220 Extremely flammable gas.						
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVwS)						

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_EPD_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
Condition when required or recommended and/or other notes	

NOTES

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