

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

CLASSIFICATION: 27 10 00.00 Communications: Structured Cabling

created via: HPDC Online Builder

PRODUCT 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.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals/Impurities Considered in 4 of 5 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

- Characterized** Yes No
Percent Weight and Role Provided?
- Screened** Yes No
Using Priority Hazard Lists with Results Disclosed?
- Identified** Yes No
Name and Identifier Provided?

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

EVA JACKET [UNDISCLOSED BM-2 | RES UNDISCLOSED LT-UNK
 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK
 UNDISCLOSED LT-P1 | PBT UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK
 UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | CAN | PHY | END | MUL |
 MAM | GEN UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | PBT | MUL
 UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | PBT UNDISCLOSED LT-P1
 | SKI |] ELECTRICAL CONDUCTOR [COPPER LT-UNK] HDPE WIRE
 INSULATION [1-HEXENE, POLYMER WITH ETHENE (ETHYLENE/HEXENE-1
 COPOLYMER) LT-UNK UNDISCLOSED LT-P1 UNDISCLOSED LT-UNK]
 BLUE EVA COLOR CONCENTRATE [ETHYLENE VINYL ACETATE
 POLYMER (EVA) LT-UNK LIMESTONE; CALCIUM CARBONATE LT-UNK C.I.
 PIGMENT BLUE 15 BM-3 2-NAPHTHALENECARBOXYLIC ACID, 4-((5-
 CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, BARIUM SALT
 (1:1) (9CI) LT-P1 | RES WHITE MINERAL OIL LT-UNK CARBON BLACK LT-1 |
 CAN] WIRE INSULATION COLOR CONCENTRATE [POLYETHYLENE LT-
 UNK WHITE MINERAL OIL (WHITE MINERAL OIL) LT-UNK LIMESTONE;
 CALCIUM CARBONATE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END IRON
 OXIDE LT-UNK | CAN C.I. PIGMENT BLUE 15 BM-3 2-
 NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-
 SULFOPHENYL)AZO)-3-HYDROXY-, CALCIUM SALT (1:1) (9CI) LT-UNK
 CARBON BLACK LT-1 | CAN FERRIC OXIDE BM-2 | CAN 2,2'-((3,3'-
 DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-
 DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE) LT-P1 | MUL 1H-ISOINDOL-1-
 ONE, 3,3'-(1,4-PHENYLENEDIIMINO) BIS[4,5,6,7-TETRACHLORO- LT-P1
 ALUMINUM LT-P1 | RES | END | PHY PYRROLO[3,4-C]PYRROLE-1,4-
 DIONE,3,6-BIS(4-CHLOROPHENYL)-2,5-DIHYDRO- LT-UNK
 PHTHALOCYANINE GREEN LT-UNK 2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-
 4,4'-DIYL)BIS(AZO))BIS(N-(2-M-EHYLPHENYL)-3-OXOBUTYRAMIDE) LT-P1 |
 MUL 2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-
 SULFOPHENYL)AZO)-3-HYDROXY-, BARIUM SALT (1:1) (9CI) LT-P1 | RES]

Number of Greenscreen BM-4/BM3 contents..... 2
 Contents highest concern GreenScreen
 Benchmark or List translator Score..... LT-1
 Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

Manufacturer has opted for the nested content inventory display - materials list percentages present in the final product and substances list percentages present in their respective material. All substances have been disclosed to at least 1,000 ppm of their respective material. Proprietary substances were disclosed by the suppliers or screened by ToxServices, LLC with percentages, roles and hazards provided and entered accordingly. Not all substance name and identifiers are disclosed due to their proprietary nature to the supplier or manufacturer, however all substances are screened with their hazards reported.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: N/A
Other: Low Smoke Halogen Free

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER: GreenCircle Certified
VERIFICATION #: 6H3-3430

SCREENING DATE: 2018-01-25
PUBLISHED DATE: 2018-01-25
EXPIRY DATE: 2021-01-25

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

EVA JACKET

%: 46.8200 - 47.7700

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities were assessed by ToxServices in their material health screening of the component and are reported to 100 ppm of the EVA Jacket material.

OTHER MATERIAL NOTES: Material range varies based on product recipe. All substances were screened by ToxServices, a HPDC approved preparer. All substances including residuals are disclosed to 100 ppm of the EVA Jacket material.

UNDISCLOSED

%: **62.2800** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Flame Retardant**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens Asthmagens (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: **28.2000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: **2.8600** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: 2.8600	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: 2.8600	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: 0.7050	GS: LT-P1	RC: None	NANO: No	ROLE: Coupling Agent
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
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SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: 0.5600	GS: LT-UNK	RC: None	NANO: No	ROLE: Coupling Agent
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: 0.4000	GS: LT-UNK	RC: None	NANO: No	ROLE: Stabilizer
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: 0.3068	GS: LT-UNK	RC: None	NANO: No	ROLE: Antioxidant
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: Impurity/Residual	GS: LT-P1	RC: None	NANO: No	ROLE: Impurity/Residual
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	IARC Group 2b - Possibly carcinogenic to humans
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements) H225 - Highly flammable liquid and vapour
CANCER	EU - GHS (H-Statements) H351 - Suspected of causing cancer
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor
RESTRICTED LIST	German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters
CANCER	MAK Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances Extremely Hazardous Substances
GENE MUTATION	New Zealand - GHS 6.6A - Known or presumed human mutagens

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: 0.0450	GS: LT-UNK	RC: None	NANO: No	ROLE: Curing Agent
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

%: 0.0450	GS: LT-P1	RC: None	NANO: No	ROLE: Curing Agent
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
PBT	EC - CEPA DSL Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

#: **0.0350** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Coupling Agent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

#: **0.0143** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Antioxidant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT

EU - ESIS PBT

Under PBT evaluation

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

#: **Impurity/Residual** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - R-phrases

R35 - Causes severe burns

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

REACTIVE

Korea - GHS

H290: May be corrosive to metals

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

ELECTRICAL CONDUCTOR**%: 41.4800****HPD URL:**

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: Residuals are considered as all substances including residuals are disclosed to 1,000 ppm. Residuals were identified through supplier and consultant expertise regarding the substances disclosed. Any known impurities, unreacted inputs, and residuals were marked accordingly.

OTHER MATERIAL NOTES: All substances including residuals are disclosed to 1,000 ppm.

COPPER

ID: 7440-50-8

#: **99.9000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Conductor**

HAZARDS: None Found AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

HDPE WIRE INSULATION

#: **10.5300 - 10.7400**

HPD URL:

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Insufficient documentation to confirm residuals were considered.

OTHER MATERIAL NOTES: Material range varies based on product recipe. All intentional ingredients are disclosed to 100 ppm.

1-HEXENE, POLYMER WITH ETHENE (ETHYLENE/HEXENE-1 COPOLYMER)

ID: 25213-02-9

#: **99.3900** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Wire Insulation**

HAZARDS: None Found AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED

#: **0.3800** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Antioxidant**

HAZARDS: None Found AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

UNDISCLOSED

#: **0.2300** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS: None Found AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is considered proprietary by the supplier; however, the percentage and health hazards are disclosed.

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals are considered as all substances including residuals are disclosed to 1,000 ppm. Residuals were identified through supplier and consultant expertise regarding the substances disclosed. Any known impurities, unreacted inputs, and residuals were marked accordingly.

OTHER MATERIAL NOTES: Material range varies based on product recipe. All substances including residuals are disclosed to 1,000 ppm.

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

#: 44.0000 - 48.0000 GS: LT-UNK RC: None NANO: No ROLE: Carrier Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 35.0000 - 40.0000 GS: LT-UNK RC: None NANO: No ROLE: Extender Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

C.I. PIGMENT BLUE 15

ID: 147-14-8

#: 8.0000 - 10.0000 GS: BM-3 RC: None NANO: No ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, BARIUM SALT (1:1) (9CI)

ID: 7585-41-3

#: 2.0000 - 3.0000 GS: LT-P1 RC: None NANO: No ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

WHITE MINERAL OIL

ID: 8042-47-5

%: 0.5000 - 1.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Processing Aid
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

CARBON BLACK

ID: 1333-86-4

%: 0.5000 - 1.0000	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	US CDC - Occupational Carcinogens Occupational Carcinogen
CANCER	CA EPA - Prop 65 Carcinogen - specific to chemical form or exposure route
CANCER	IARC Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

WIRE INSULATION COLOR CONCENTRATE

%: 0.0000 - 0.2100

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals are considered as all substances including residuals are disclosed to 1,000 ppm. Residuals were identified through supplier and consultant expertise regarding the substances disclosed. Any known impurities, unreacted inputs, and residuals were marked accordingly.

OTHER MATERIAL NOTES: The ranges for the Wire Insulation Color Concentrate substances were provided by the supplier and represent the five color concentrates used in the wire insulation. Material range varies based on product recipe. All substances including residuals are disclosed to 1,000 ppm.

POLYETHYLENE

ID: 9002-88-4

%: 38.0000 - 58.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Carrier Resin
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

WHITE MINERAL OIL (WHITE MINERAL OIL)

ID: 8042-47-5

%: 1.0000 - 2.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Processing Aid

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 0.0000 - 31.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Extender Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.0000 - 56.0000

GS: LT-1

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

IRON OXIDE

ID: 1317-61-9

%: 0.0000 - 1.5000

GS: LT-UNK

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

C.I. PIGMENT BLUE 15

ID: 147-14-8

0.0000 - 7.0000

GS: BM-3

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, CALCIUM SALT (1:1) (9CI)

ID: 7023-61-2

0.0000 - 1.5000

GS: LT-UNK

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

CARBON BLACK

ID: 1333-86-4

0.0000 - 1.5000

GS: LT-1

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

FERRIC OXIDE

ID: 1309-37-1

0.0000 - 17.5000

GS: BM-2

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(4-C-HORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTYRAMIDE)

ID: 5567-15-7

0.0000 - 3.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Pigment

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

1H-ISOINDOL-1-ONE, 3,3'-(1,4-PHENYLENEDIIMINO) BIS[4,5,6,7-TETRACHLORO-

ID: 5590-18-1

#: **0.0000 - 11.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

ALUMINUM

ID: 91728-14-2

#: **0.0000 - 9.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: This substance is compounded in the product, therefore the hazards associated with its powdered form are not relevant to the consumer. Substance ranges based on supplier documentation.

PYRROLO[3,4-C]PYRROLE-1,4-DIONE,3,6-BIS(4-CHLOROPHENYL)-2,5-DIHYDRO-

ID: 84632-65-5

#: **0.0000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

PHTHALOCYANINE GREEN

ID: 1328-53-6

#: **0.0000 - 8.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

2,2'-((3,3'-DICHLORO(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(N-(2-M-EHYLPHENYL)-3-OXOBUTYRAMIDE)

ID: 5468-75-7

#: 0.0000 - 6.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

2-NAPHTHALENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-, BARIUM SALT (1:1) (9CI)

ID: 7585-41-3

#: 0.0000 - 6.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Substance ranges based on supplier documentation.

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

N/A

CERTIFYING PARTY: Self-declared

ISSUE DATE:0000-01-

EXPIRY DATE:

CERTIFIER OR LAB: None

APPLICABLE FACILITIES: Hoisington, KS, USA

01

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

Low Smoke Halogen Free

CERTIFYING PARTY: Third Party

ISSUE DATE:2017-02-

EXPIRY DATE:

CERTIFIER OR LAB: UL Wire and

APPLICABLE FACILITIES: Hoisington, KS, USA

27

Cable

CERTIFICATE URL:

[http://ce.superioressex.com/news/press-releases/2016/06/20/UL-Wire---Cable-Awards-First-](http://ce.superioressex.com/news/press-releases/2016/06/20/UL-Wire---Cable-Awards-First-4-Pair-Riser-Copper-Cable-Category-6+-LSHF)

4-Pair Riser Copper Cable: Category 6+ LSHF
hpdrepository.hpd-collaborative.org

CERTIFICATION AND COMPLIANCE NOTES:

LCA

Environmental Product Declaration

CERTIFYING PARTY: Third Party

ISSUE DATE: 2014-06-06

EXPIRY DATE: 2019-06-06

CERTIFIER OR LAB: UL Environment

APPLICABLE FACILITIES: Hoisington, KS, USA

CERTIFICATE URL:

<http://ce.superioressex.com/about/environmental/>

CERTIFICATION AND COMPLIANCE NOTES:

+ Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

POLYESTER PULL STRING

HPD URL: **No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Installers use wire pulling string as a safe means of pulling wire and cable in the installation. When using proper pulling string, its possible to install cable without harming the installer or the product.

📄 Section 5: General Notes

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

👁️ Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Superior Essex**

ADDRESS: **6120 Powers Ferry Road Suite 150
Atlanta GA 30339, USA**

WEBSITE: <http://ce.superioressex.com/>

CONTACT NAME: **Steve Born**

TITLE: **Sr. Applications Engineer, LEED AP BD+C**

PHONE: **770-657-6000**

EMAIL: steve.born@spsx.com

KEY

OSHA MSDS
GHS SDS

Occupational Safety and Health Administration Material Safety Data Sheet

Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material

Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.