

HPD UNIQUE IDENTIFIER: 25066

CLASSIFICATION: 27 10 00 Structured Cabling

PRODUCT DESCRIPTION: This HPD covers the Superior Essex 4-Pair Plenum NextGain Category 6eX copper cable. NextGain Category 6eX cable brings UTP performance to a new level. Guaranteed for 7 dB of margin (headroom) over base requirements of CAT 6 NEXT standards, this cable maximizes bandwidth for today's leading edge applications and those of the future. With positive ACR verified beyond 300 MHz, NextGain CAT 6eX cable demonstrates superior capability for ATM, Gigabit Ethernet and other bandwidth intensive applications.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i> Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No % weight and role provided for all substances. Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No All substances screened using Priority Hazard Lists with results disclosed. Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.
<input checked="" type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	Residuals/Impurities	
<input type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	Considered in 4 of 4 Materials	
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	Explanation(s) provided for Residuals/Impurities?	
<input type="radio"/> Material	<input type="radio"/> Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	
<input checked="" type="radio"/> Product			

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**  
 COPPER [ COPPER LT-P1 | AQU ] FEP [ FLUORINATED ETHYLENE PROPYLENE LT-UNK ] PVC JACKET [ POLYVINYL CHLORIDE LT-P1 | RES UNDISCLOSED BM-2 | RES UNDISCLOSED LT-UNK UNDISCLOSED BM-3 UNDISCLOSED BM-2 | PBT ANTIMONY OXIDE (ANTIMONY TRIOXIDE) BM-1 | CAN | MUL TITANIUM DIOXIDE LT-1 | CAN | END UNDISCLOSED LT-UNK QUARTZ LT-1 | CAN ] PVC COLOR CHIP [ POLYVINYL CHLORIDE LT-P1 | RES DI(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg DIIRON TRIOXIDE BM-1 | CAN CARBON BLACK BM-1 | CAN CALCIUM CARBONATE BM-3 TITANIUM DIOXIDE LT-1 | CAN | END ]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1  
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This product is not considered identified due to the proprietary nature of some chemicals within the product's formulation.

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: Not Applicable  
 LCA: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:  
 VERIFICATION #:

SCREENING DATE: 2021-06-11

PUBLISHED DATE: 2021-06-11  
 EXPIRY DATE: 2024-06-11

## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### COPPER

%: 40.0000 - 45.0000

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES CONSIDERED: Yes      MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on provided supplier documentation.

OTHER MATERIAL NOTES: This HPD covers all Superior Essex cables within the product family. These cables are similar in content and differ in the percentages of some materials. As such, the percent by weight of each material is disclosed as a range to account for these differences in weight across these various cables.

### COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2021-06-11 6:15:18

%: 100.0000      GS: LT-P1      RC: None      NANO: No      SUBSTANCE ROLE: Conductor

HAZARD TYPE      AGENCY AND LIST TITLES      WARNINGS

AQU      EU - GHS (H-Statements)      H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES:

### FEP

%: 25.0000 - 30.0000

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES CONSIDERED: Yes      MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on provided supplier documentation.

OTHER MATERIAL NOTES: This HPD covers all Superior Essex cables within the product family. These cables are similar in content and differ in the percentages of some materials. As such, the percent by weight of each material is disclosed as a range to account for these differences in weight across these various cables.

### FLUORINATED ETHYLENE PROPYLENE

ID: 25067-11-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2021-06-11 6:15:18

%: 100.0000      GS: LT-UNK      RC: None      NANO: No      SUBSTANCE ROLE: Insulator

HAZARD TYPE      AGENCY AND LIST TITLES      WARNINGS

None found      No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

### PVC JACKET

%: 25.0000 - 30.0000

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES CONSIDERED: Yes      MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on provided supplier documentation.

OTHER MATERIAL NOTES: This HPD covers all Superior Essex cables within the product family. These cables are similar in content and differ in the percentages of some materials. As such, the percent by weight of each material is disclosed as a range to account for these differences in weight across these various cables.

**POLYVINYL CHLORIDE**

ID: 9002-86-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-11 6:15:19**

#: **40.0000 - 45.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2021-06-10 8:55:27**

#: **25.0000 - 30.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Respiratory Sensitization

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation. This chemical is considered proprietary by the supplier.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2021-06-10 8:55:28**

#: **10.0000 - 15.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation. This chemical is considered proprietary by the supplier.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2021-06-10 8:55:28**

#: **5.0000 - 10.0000** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation. This chemical is considered proprietary by the supplier.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2021-06-10 8:55:28**

#: **5.0000 - 10.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	ChemSec - SIN List	Mult*
PBT	EHP - San Antonio Statement on BFRs & CFRs	PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	Mult*

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation. This chemical is considered proprietary by the supplier.

### ANTIMONY OXIDE (ANTIMONY TRIOXIDE)

ID: 1309-64-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-11 6:15:20		
%: 1.0000 - 2.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer		
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant		
CAN	CA EPA - Prop 65	Carcinogen		
CAN	IARC	Group 2b - Possibly carcinogenic to humans		
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man		
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen		
CAN	GHS - Japan	Carcinogenicity - Category 1B [H350]		

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

### TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-11 6:15:22		
%: 0.0000 - 1.0000	GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Ink
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer		
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

HAZARD SCREENING METHOD: **Toxnot Chemical Hazard Screening Library** HAZARD SCREENING DATE: **2021-06-10 8:55:28**%: **0.0000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Smoke suppressant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation. This chemical is considered proprietary by the supplier.

**QUARTZ**

ID: 14808-60-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-11 6:15:23**%: **0.0000 - 5.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	GHS - Australia	H350i - May cause cancer by inhalation
CAN	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

**PVC COLOR CHIP**%: **0.0000 - 1.0000**PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on provided supplier documentation.

OTHER MATERIAL NOTES: This HPD covers all Superior Essex cables within the product family. These cables are similar in content and differ in the percentages of some materials. As such, the percent by weight of each material is disclosed as a range to account for these differences in weight across these various cables.

**POLYVINYL CHLORIDE**

ID: 9002-86-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-11 6:15:19**%: **25.0000 - 55.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Carrier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

**DI(2-ETHYLHEXYL) TEREPHTHALATE**

ID: 6422-86-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-11 6:15:20**

%: **10.0000 - 30.0000** GS: **BM-3dg** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

**DIIRON TRIOXIDE**

ID: 1309-37-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-11 6:15:21**

%: **0.0000 - 30.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

**CARBON BLACK**

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-11 6:15:21**

%: **0.0000 - 30.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

**CALCIUM CARBONATE**

ID: 471-34-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-11 6:15:21**

%: **0.0000 - 55.0000** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided supplier documentation.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-11 6:15:22**

%: **0.0000 - 80.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range based on provided 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	Not Applicable		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-05-	EXPIRY DATE:	CERTIFIER OR LAB: Not Applicable
APPLICABLE FACILITIES: Hoisington, Kansas, USA	19		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: There is no emissions scenario under the current version of CDPH Standard Method V1.2 (Section 01350/CHPS) for this product.			

LCA	Environmental Product Declaration		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2019-10-	EXPIRY DATE: 2024-	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Hoisington, Kansas, USA	01	10-01	Environment
CERTIFICATE URL:			
<a href="https://superioressexcommunications.com/sustainable-product-certifications/">https://superioressexcommunications.com/sustainable-product-certifications/</a>			
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 available
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, it is possible to install cable without harming the installer or the product.	

## Section 5: General Notes

This HPD covers all Superior Essex cables within the NextGain Category 6eX (4-Pair Plenum Copper Cable) product family. These cables are similar in content and differ in the percentages of some materials. The content differences between these cables accounts for 10% or less of the total mass of each cable.



**MANUFACTURER INFORMATION**

MANUFACTURER: Superior Essex  
 ADDRESS: 5770 Powers Ferry Road  
 Suite 400  
 Atlanta GA 30327, USA  
 WEBSITE: <https://superioressexcommunications.com/>

CONTACT NAME: Annie Bevan  
 TITLE: Global Head of sustainability  
 PHONE: 770-657-6000  
 EMAIL: [annie.bevan@spsx.com](mailto:annie.bevan@spsx.com)

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

**KEY**

**Hazard Types**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> No GreenScreen.

**Recycled Types**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**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.*