HES 1006 Series Strike
by Assa Abloy

Health Product Declaration v2.1
created via: HPDC Online Builder

CLASSIFICATION: 08 74 00
PRODUCT DESCRIPTION: The 1006 series is the strongest and most versatile electric strike available. The dual interlocking plunger design and heavy duty stainless steel construction, enables it to exceed every standard developed for electric strikes. With multiple faceplate options, the 1006 will fully accommodate every lock designed to work within an ANSI 4-7/8" strike plate. Tested to exceed 3,000 lbs. of static strength, 350 ft-lbs. of dynamic strength and factory tested to exceed 1,000,000 cycles of operation, the 1006 is in a class of its own.

Section 1: Summary

Nested Method / Material 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 0 of 10 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

STAINLESS STEEL [STAINLESS STEEL UNK] ELECTRONIC [PRINITED CIRCUIT BOARD NoGS] STEEL [IRON LT-UNK MANGANESE LT-P1 | END NICKEL LT-1 | MAM | CAN | SKI | AQU | RES ZINC LT-P1 | AQU | RES | PHY] KIT:MOLEX PIGTAIL 12 [NYLON 6 LT-UNK POLYVINYL CHLORIDE (PVC) LT-UNK | RES COPPER LT-P1] WIRE:4 WIRE PIGTAIL [NYLON 6 LT-UNK POLYVINYL CHLORIDE (PVC) LT-UNK | RES COPPER LT-P1] MAGNET:NEO OD .25 X [IRON LT-UNK NEODYMIUM LT-UNK BORON LT-UNK NICKEL LT-1 | MAM | CAN | SKI | AQU | RES COPPER LT-P1 SILICIC ACID (H6SI2O7), MAGNESIUM STRONTIUM SALT (1:1:2), DYSPROSIUM AND EUROPIUM-DOPED UNK COBALT LT-1 | RES | SKI | CAN] CONNECTOR: RECEPTACLE [FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE LT-P1 | MUL] CONNECTOR: DOLPHIN D [POLYVINYL CHLORIDE (PVC) LT-UNK | RES COPPER LT-P1] PLUG:1006 MA PLUNGER [ALUMINUM LT-P1 | RES | PHY | END] FOAM:1006DFM SOLENOI [SILICON LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals not considered as impacts are not considered to be significant

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*
LCA: Environmental Product Declaration
Other: Declare Label

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?
- ( ) Yes
- (•) No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2016-12-01
PUBLISHED DATE: 2018-05-29
EXPIRY DATE: 2019-12-01

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 atwww.hpd-collaborative.org/hpd-2-1-standard

STAINLESS STEEL

%: 70.6300 - 70.6300

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: SCREW: MS 4-40 X 1/4; SCREW: MS 4-40 X 3/1; SCREW: MS 6-32 X 1/4; SCREW:4-40 X 5/32 SH; BRACKET:1006-PIVOT; HOUSING:1006-BLK; KEEPER:1006 OUTSIDE; KEEPER:1006-INSIDE; PIN:1006-SPRING-DFM; PIN:1006 VAVE HINGE; SHIM: 1006 KEEPER; SPRING:1006-KEEPER-R; SPRING:MOD 1006-KEEP; PLUNGER:1006 MAG FAI

STAINLESS STEEL

ID: 12597-68-1

%: 100.0000 - 100.0000 | GS: UNK | RC: None | NANO: No | ROLE: Stainless Steel

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

SUBSTANCE NOTES: Various

ELECTRONIC

%: 14.1900 - 14.1900

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following component: SOLENOID: 1006-12/24

PRINITED CIRCUIT BOARD

ID: Not Registered

%: 100.0000 - 100.0000 | GS: NoGS | RC: None | NANO: No | ROLE: PCB

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

SUBSTANCE NOTES: No CAS number is assigned for electronic components

STEEL

%: 10.2600 - 10.2600

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: SCREW:4-40 X 3/8 HEX; PLATE:1006-GOOF; FLOOR: 1006 DFM UNIV

IRON

ID: 7439-89-6

%: 95.0000 - 95.0000 | GS: LT-UNK | RC: None | NANO: No | ROLE: Iron

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

SUBSTANCE NOTES: Structural Component

MANGANESE

ID: 7439-96-5

%: 2.0000 - 2.0000 | GS: LT-P1 | RC: None | NANO: No | ROLE: Manganese

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Structural Component

NICKEL

ID: 7440-02-0

%: 0.2000 - 0.2000 | GS: LT-1 | RC: None | NANO: No | ROLE: Nickel

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Structural Component

ZINC

ID: 7440-66-6

%: **0.1500 - 9.1000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Zinc**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: Structural Component

KIT:MOLEX PIGTAIL 12

%: 2.4500 - 2.4500 **HPD URL:**

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

NYLON 6

ID: 25038-54-4

%: **50.0000 - 50.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **NYLON 6**

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

SUBSTANCE NOTES: Electrical Component

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: **25.0000 - 25.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **POLYVINYL CHLORIDE (PVC)**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Electrical Component

COPPER

ID: 7440-50-8

%: **25.0000 - 25.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **COPPER**

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

SUBSTANCE NOTES: Electrical Component

WIRE:4 WIRE PIGTAIL

%: 0.8100 - 0.8100

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

NYLON 6

ID: 25038-54-4

%: **50.0000 - 50.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **NYLON 6**

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

SUBSTANCE NOTES: Electrical Component

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: **25.0000 - 25.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **POLYVINYL CHLORIDE (PVC)**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Electrical Component

COPPER

ID: 7440-50-8

%: **25.0000 - 25.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **COPPER**

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

SUBSTANCE NOTES: Electrical Component

MAGNET:NEO OD .25 X

%: 0.2000 - 0.2000

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

IRON

ID: 7439-89-6

%: **65.0000 - 65.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **IRON**

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

SUBSTANCE NOTES: Magnet Component

NEODYMIUM

ID: 7440-00-8

%: **28.0000 - 33.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **NEODYMIUM**

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

SUBSTANCE NOTES: Magnet Component

BORON

ID: 7440-42-8

%: **1.0000 - 1.3000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **BORON**

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

SUBSTANCE NOTES: Magnet Component

NICKEL

ID: 7440-02-0

%: 0.0100 - 0.4000 | GS: LT-1 | RC: None | NANO: No | ROLE: Nickel

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Magnet Component

COPPER

ID: 7440-50-8

%: 0.0100 - 0.2000 | GS: LT-P1 | RC: None | NANO: No | ROLE: COPPER

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

SUBSTANCE NOTES: Magnet Component

SILICIC ACID (H6SI2O7), MAGNESIUM STRONTIUM SALT (1:1:2), DYSPROSIUM AND EUROPIUM-DOPED

ID: 181828-07-9

%: 0.0000 - 4.0000 | GS: UNK | RC: None | NANO: No | ROLE: Silicic acid (H6Si2O7), magnesium strontium salt (1:1:2), dysprosium and europium-doped

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

SUBSTANCE NOTES: Magnet Component

COBALT

ID: 7440-48-4

%: 0.0000 - 5.0000 | GS: LT-1 | RC: None | NANO: No | ROLE: COBALT

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	EU - R-phrases	R42 - May cause sensitization by inhalation
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Magnet Component

CONNECTOR: RECEPTACLE

%: 0.0700 - 0.0700 | HPD URL:

MATERIAL THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE

ID: 68082-29-1

%: 100.0000 - 100.0000 | GS: LT-P1 | RC: None | NANO: No | ROLE: FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Connector Component

CONNECTOR: DOLPHIN D

%: 0.0700 - 0.0700 | HPD URL:

MATERIAL THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 50.0000 - 50.0000 | GS: LT-UNK | RC: None | NANO: No | ROLE: POLYVINYL CHLORIDE (PVC)

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Connector Component

COPPER

ID: 7440-50-8

%: 50.0000 - 50.0000 | GS: LT-P1 | RC: None | NANO: No | ROLE: COPPER

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

SUBSTANCE NOTES: Connector Component

PLUG:1006 MA PLUNGER

%: 0.0200 - 0.0200 | HPD URL:

MATERIAL THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

ALUMINUM

ID: 7429-90-5

%: 0.0000 - 100.0000 | GS: LT-P1 | RC: None | NANO: No | ROLE: ALUMINUM

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Plunger Component

FOAM:1006DFM SOLENOI

%: 0.0000 | HPD URL:

MATERIAL THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

SILICON ID: **7440-21-3**

%: **100.0000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Silicon**

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

SUBSTANCE NOTES: Solenoid Component

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.

LCA

Envi Decl

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: NA
CERTIFICATE URL:
http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20and%20Hardware/106.1_ASSA%20ABLOY_mrEPD_HES1006_electric%20door%20strike_20140417.pdf

ISSUE DATE: 2015-04-1

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

Declare Label

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: NA
CERTIFICATE URL:
http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/HES%201006%20SERIES%20STRIKE.jpg

ISSUE DATE: 2015-10-01

EXPIRY DATE: 2016-10-01

CERTIFIER OR LAB: ILFI

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.

No accessories are required for this product.

Section 5: General Notes

Residuals not considered as impacts are not considered to be significant

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Assa Abloy**
ADDRESS: **110 Sargent Drive**
New Haven CT 06511, United States
WEBSITE: **www.assaabloydss.com/sustainability**

CONTACT NAME: **Amy Vigneux**
TITLE: **Manager, Sustainable Building Solutions**
PHONE: **2036035919**
EMAIL: **amy.vigneux@assaabloy.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS 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 (insuficient 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.