

CLASSIFICATION: 12 51 23 Office Table

PRODUCT DESCRIPTION: Tyde caters to individual needs: desks in various sizes can be outfitted to accommodate the required functions. Users can choose from three height adjustment options: an electric motor for sit-stand tables, and a hand crank or manual locking mechanism for standard tables. Additional elements such as technical beams, various screens, CPU holders and other accessories allow for further individualization. With only two exceptions, Vitra exclusively purchases veneers with a certificate of sustainability from European producers. Vitra's veneers are finished with a protective lacquer; exposure to light will alter the color over time.

Section 1: Summary

Basic 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

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances except SC substances characterized according to SC guidance.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified Yes Ex/SC Yes No

All substances disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC guidance.

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

TYDE (160X80 CM) - OAK VENEER SURFACE [STEEL MANUFACTURE, CHEMICALS LT-UNK CELLULOSE, MICROCRYSTALLINE NoGS 3003-H14 ALUMINUM LT-P1 | RES | PHY | END FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH AMMONIA-ETHYLENE OXIDE REACTION PRODUCT DISTN. RESIDUES, COMPS. WITH DIETHYLENTRIAMINE AND TRIETHYLENETETRAMINE NoGS SC:ELECTRICAL COMPONENTS Not Screened FORMALDEHYDE LT-1 | RES | CAN | MAM | SKI | GEN | MUL | END UREA LT-UNK ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK NYLON 6 LT-UNK AMMONIUM SULFATE LT-P1 | END POLYTETRAMETHYLENE TEREPHTHALATE NoGS COPPER LT-UNK POLY(OXYMETHYLENE) NoGS]

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:

Special conditions applied: Electronics

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

The VITRA team worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by working with EPD information that was provided by the VITRA team and their EPD verifier, SCS Global.

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: No Certifications

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: ToxServices LLC

SCREENING DATE: 2019-01-25

Yes
 No

VERIFIER: SCS Global Services
VERIFICATION #: qGE-6802

PUBLISHED DATE: 2019-03-26
EXPIRY DATE: 2022-01-25



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

TYDE (160X80 CM) - OAK VENEER SURFACE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The VITRA team worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by working with EPD information that was provided by the VITRA team and their EPD verifier, SCS Global.

OTHER PRODUCT NOTES:

STEEL MANUFACTURE, CHEMICALS

ID: 65997-19-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-25

#: 42.2600 - 42.2600

GS: LT-UNK

RC: None

NANO: No

ROLE: Table Top; Cable Tray; Electrification; Control box; Cable Conduit; Table Top Electrification; Base; Screen; Technical Beam; Monitor Adapter and Document Box Components

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-25

#: 27.8800 - 27.8800

GS: NoGS

RC: None

NANO: No

ROLE: Table Top Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

3003-H14 ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-25

#: 12.6400 - 12.6400

GS: LT-P1

RC: PostC

NANO: No

ROLE: Table Top Electrification; Technical Beam; Base; Screen and Monitor Adapter Component

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

3rd Party Screened

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer. The aluminum is 95% post-consumer recycled.

FATTY ACIDS, CASTOR-OIL, CAUSTIC-OXIDIZED, DISTN. RESIDUES, ESTERS WITH AMMONIA-ETHYLENE OXIDE REACTION PRODUCT DISTN. RESIDUES, COMPS. WITH DIETHYLENTRIAMINE AND TRIETHYLENETETRAMINE

ID: 113669-97-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-25**

#: **7.2800 - 7.2800**

GS: **NoGS**

RC:

None

NANO:

No

ROLE: **Cable Tray; Screen and Cable Conduit Component**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|------------------|------------------------|----------|
| No hazards found | | |

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

SC:ELECTRICAL COMPONENTS

ID: **SC:Electronics**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-25**

#: **3.1900 - 3.1900**

GS: **Not Screened**

RC:

None

NANO:

No

ROLE: **Control Box and Handset; Table Top Electrification**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|--------------------------------|------------------------|----------|
| Hazard Screening not performed | | |

SUBSTANCE NOTES:

Version: **SCElec/2018-02-23**

Brief Description: **Electric components for Control box, Handset and Table Top Electrification.**

Compliance: **In Compliance**

Takeback Program: **N/A**

The HPDC Approved Preparer worked with Vitra's four electrical component suppliers to obtain RoHs documentation for each of the electrical components that are present under this HPD.

FORMALDEHYDE

ID: **50-00-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-25**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------|---|--|
| RESPIRATORY | AOEC - Asthmagens | Asthmagen (G) - generally accepted |
| CANCER | US EPA - IRIS Carcinogens | (1986) Group B1 - Probable human Carcinogen |
| CANCER | IARC | Group 1 - Agent is Carcinogenic to humans |
| CANCER | CA EPA - Prop 65 | Carcinogen |
| CANCER | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CANCER | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| MAMMALIAN | EU - GHS (H-Statements) | H301 - Toxic if swallowed |
| MAMMALIAN | EU - GHS (H-Statements) | H311 - Toxic in contact with skin |
| SKIN IRRITATION | EU - GHS (H-Statements) | H314 - Causes severe skin burns and eye damage |
| SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction |
| MAMMALIAN | EU - GHS (H-Statements) | H331 - Toxic if inhaled |
| GENE MUTATION | EU - GHS (H-Statements) | H341 - Suspected of causing genetic defects |
| CANCER | EU - GHS (H-Statements) | H350 - May cause cancer |
| CANCER | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| MULTIPLE | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| ENDOCRINE | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |
| CANCER | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |
| SKIN SENSITIZE | MAK | Sensitizing Substance Sh - Danger of skin sensitization |
| MAMMALIAN | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances |
| CANCER | Korea - GHS | Carcinogenicity - Category 1 [H350 - May cause cancer] |
| CANCER | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence |
| CANCER | New Zealand - GHS | 6.7A - Known or presumed human carcinogens |
| CANCER | Japan - GHS | Carcinogenicity - Category 1A |
| CANCER | Australia - GHS | H350i - May cause cancer by inhalation |

SUBSTANCE NOTES: This substance was properly screened by the HPD Approved Preparer.

%: **2.9900 - 2.9900**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Binder Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer.****ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER**ID: **9003-56-9**%: **1.8500 - 1.8500**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Table Top Electrification; Document Box Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party ScreenedSUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer.****NYLON 6**ID: **25038-54-4**%: **1.2700 - 1.2700**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Table Top; Cable Conduit; Electrification; Table Top Electrification; Base; Screen and Technical Beam Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party ScreenedSUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer.****AMMONIUM SULFATE**ID: **7783-20-2**%: **0.3000 - 0.3000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Table Top Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor*****3rd Party Screened***SUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer.****POLYTETRAMETHYLENE TEREPHTHALATE**ID: **24968-12-5**

%: **0.2200 - 0.2200**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Screen Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party ScreenedSUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer.****COPPER**ID: **7440-50-8**%: **0.0400 - 0.0400**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Cable Tray Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party ScreenedSUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer.****POLY(OXYMETHYLENE)**ID: **9002-81-7**%: **0.0300 - 0.0300**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Technical Beam and Monitor Adapter Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

3rd Party ScreenedSUBSTANCE NOTES: **This substance was properly screened by the HPD Approved Preparer.**

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

No Certifications

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **N/A**

01-07

01-14

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **No current certifications available for this product.**

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

The VITRA team worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by working with EPD information that was provided by the VITRA team and their EPD verifier, SCS Global.



MANUFACTURER INFORMATION

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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 | GLO Global warming | PHY Physical Hazard (reactive) |
| CAN Cancer | MAM Mammalian/systemic/organ toxicity | REP Reproductive toxicity |
| DEV Developmental toxicity | MUL Multiple hazards | RES Respiratory sensitization |
| END Endocrine activity | NEU Neurotoxicity | SKI Skin sensitization/irritation/corrosivity |
| EYE Eye irritation/corrosivity | OZO Ozone depletion | LAN Land Toxicity |
| GEN Gene mutation | PBT Persistent Bioaccumulative Toxic | NF Not found on Priority Hazard Lists |

GreenScreen (GS)

| | |
|---|--|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-P1 List Translator Possible Benchmark 1 |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-1 List Translator Likely Benchmark 1 |
| BM-2 Benchmark 2 (use but search for safer substitutes) | LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | NoGS Unknown (no data on List Translator Lists) |
| BM-U Benchmark Unspecified (insufficient data to benchmark) | |

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.