Usu Tables by HOWE

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 12 50 00 Furniture

PRODUCT DESCRIPTION: Usu is a space-saving and functional table: its design is simple, airy and light. Like all other HOWE products, it is simple and easy to handle. Usu is the perfect solution for multi-usage dining, meeting and training. Available with either square or round legs, Usu is constructed of just a few materials, which makes sorting and recycling easy to handle. Designed by HOWE's in-house team, Usu offers HOWE quality at an attractive price.

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

USU TABLES [STEEL NoGS CELLULOSE PULP NoGS SC:WOOD DUST Not Screened NICKEL LT-1 | RES | CAN | SKI | MAM | MUL ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK NYLON 6 LT-UNK MELAMINE-UREA-FORMALDEHYDE (MUF) LT-UNK PHENOL FORMALDEHYDE LT-P1 | RES ISOPHTHALIC ACID LT-UNK 1,3-PROPANEDIOL, 2,2-DIMETHYL- LT-UNK TEREPHTHALIC ACID BM-2 MELAMINE FORMALDEHYDE LT-UNK WATER BM-4 TITANIUM DIOXIDE LT-1 | CAN | END POLYVINYL ACETATE (PVA) LT-UNK BARIUM SULFATE BM-2 | CAN SLACK WAX (PETROLEUM) LT-1 | CAN | MUL STARCH LT-UNK ETHYLENE VINYL ACETATE POLYMER (EVA) LT-UNK ZINC LT-P1 | AQU | PHY | END | MUL ALUMINA TRIHYDRATE BM-2 | RES]

Number of Greenscreen BM-4/BM3 contents ... 1

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: BiologicalMaterial

[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.

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: Inherently non- emitting source per LEED®

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: 2019-06-20
PUBLISHED DATE: 2019-06-20
EXPIRY DATE: 2022-06-20

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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

USU TABLES

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities not considered. Only intentionally added ingredients are presented in this HPD.

OTHER PRODUCT NOTES:

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-20

%: 65.00 - 80.00 GS: NoGS RC: UNK NANO: No ROLE: Base

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

SUBSTANCE NOTES: Due to the commodity nature of steel, most commercially available steel contains some amount of recycled content. The exact percentage will likely change due to market conditions. The percent range presented is used to account for variations in the available configurations offered to the customer.

CELLULOSE PULP

ID: 65996-61-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-20

%: 5.00 - 10.00 GS: NoGS RC: None NANO: No ROLE: Tabletop

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

SUBSTANCE NOTES: The percent range presented is used to account for variations in the available configurations offered to the customer.

SC:WOOD DUST

ID: SC:Bio

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-06-20

%: 5.00 - 15.00 GS: Not Screened RC: PreC NANO: No ROLE: Tabletop

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:
Version: SCBioMats/2018-02-23
Category: Tree-based materials
Identifier: Wood Dust

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

The percent range presented is used to account for variations in the available configurations offered to the customer.

NICKEL

ID: **7440-02-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Finish**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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	Known to be a human Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
SKIN SENSITIZE	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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation and to account for variations in the available configurations offered to the customer.

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: **9003-56-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Tabletop**

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

SUBSTANCE NOTES: The percent range presented is used to account for variations in the available configurations offered to the customer.

NYLON 6

ID: **25038-54-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base**

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

SUBSTANCE NOTES: The percent range presented is used to account for variations in the available configurations offered to the customer.

MELAMINE-UREA-FORMALDEHYDE (MUF)

ID: **25036-13-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Tabletop**

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

SUBSTANCE NOTES: The percent range presented is used to account for variations in the available configurations offered to the customer.

PHENOL FORMALDEHYDE

ID: **9003-35-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 5.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Tabletop**

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

SUBSTANCE NOTES: The percent range presented is used to account for variations in the available configurations offered to the customer.

ISOPHTHALIC ACID

ID: **121-91-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Finish**

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

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation and to account for variations in the available configurations offered to the customer.

1,3-PROPANEDIOL, 2,2-DIMETHYL-

ID: 126-30-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Finish**

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

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation and to account for variations in the available configurations offered to the customer.

TEREPHTHALIC ACID

ID: 100-21-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 5.00** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Finish**

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

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation and to account for variations in the available configurations offered to the customer.

MELAMINE FORMALDEHYDE

ID: 9003-08-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Tabletop**

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

SUBSTANCE NOTES: The percent range presented is used to account for variations in the available configurations offered to the customer.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **BM-4** RC: **None** NANO: **No** ROLE: **Tabletop**

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

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Finish**

HAZARD TYPE	AGENCY AND LIST TITLES	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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation.

POLYVINYL ACETATE (PVA)

ID: 9003-20-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Tabletop**

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

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation.

BARIUM SULFATE

ID: 7727-43-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Finish**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation and to account for variations in the available configurations offered to the customer.

SLACK WAX (PETROLEUM)

ID: 64742-61-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Tabletop**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation.

STARCH

ID: 9005-25-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Tabletop**

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

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation.

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Tabletop**

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

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation.

ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Finish**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: The percent range presented is used to account for variations in the available configurations offered to the customer.

ALUMINA TRIHYDRATE

ID: **21645-51-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-06-20**

%: **0.00 - 1.00** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Finish**

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

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the formulation and to account for variations in the available configurations offered to the customer.

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	Inherently non- emitting source per LEED®

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: All.
CERTIFICATE URL:

ISSUE DATE: 2019-05-07

EXPIRY DATE:

CERTIFIER OR LAB: N/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.

No accessories are required for this product.

Section 5: General Notes

This HPD considers Usu tables of square leg version and round leg version. The Usu tables are available in several different sizes colors and finishes. Most of these colors and finishes are presented in this HPD.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **HOWE**
ADDRESS: **Filosofgangen 18**
5000 Odense C, Denmark
WEBSITE: **https://www.howe.com/us**

CONTACT NAME: **Helle Rex**
TITLE: **Marketing & CSR Manager**
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EMAIL: **hre@howe.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.