PK-30 System Aluminum Framed Partition inc. Wood Door by PK30 System Inc

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 24149
CLASSIFICATION: 10 22 19 Demountable Partitions
PRODUCT DESCRIPTION: PK-30 System is an aluminum glazing framework system. It includes varying configurations including sliding doors, hinged doors, pocket doors, folding walls and fixed panels.

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
- ○ 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.

Screened ○ Yes Ex/SC ◉ Yes ○ No

All substances screened using Priority Hazard Lists with results disclosed.

Identified ○ Yes Ex/SC ○ Yes ◉ 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.

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

PK-30 SYSTEM ALUMINUM FRAMED PARTITION INC. WOOD DOOR [
SODA-LIME SILICATE GLASS NoGS ALUMINUM BM-1 | END | RES |
PHY WOOD NoGS STEEL NoGS RUBBER, SYNTHETIC EPDM NoGS
POLYPROPYLENE LT-UNK POLYURETHANE FOAMS LT-UNK
STAINLESS STEEL NoGS]

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All materials in the system are included in the documentation. The glass thickness of the product can vary in each project. Therefore, the weight percentages of glass and aluminum are entered according to minimum and maximum glass thickness.

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
VOC content: UL/GreenGuard Gold Certified

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: 2021-01-30
PUBLISHED DATE: 2021-03-20
EXPIRY DATE: 2024-01-30

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

PK-30 SYSTEM ALUMINUM FRAMED PARTITION INC. WOOD DOOR

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are expected in these materials at or above the inventory threshold.

OTHER PRODUCT NOTES: The aluminum-framed glass panel partition and wood door are included in this HPD.

SODA-LIME SILICATE GLASS

ID: 2446523-50-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-30**

%: **58.0000 - 73.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: Partition panel glazing unit.
The glass thickness can be between 1/4 to 1/2 inch. Therefore, the weight percentages of glass and aluminum vary between the entered values.

ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-30**

%: **18.0000 - 29.0000** GS: **BM-1** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
PHY	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases
PHY	EU - GHS (H-Statements)	H228 - Flammable solid

SUBSTANCE NOTES: Framing of the partition panel.
The recycled portion of the aluminum billets/logs used in the cast (by Keymark Corporation) consists of 62% (40% - Pre-Consumer & 22% - Post Consumer) recycled content.
The glass thickness can be between 1/4 to 1/2 inch. Therefore, the weight percentages of glass and aluminum vary between the entered values.

WOOD

ID: Not registered

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-30**

%: **5.0000 - 5.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Solid core wood doors.

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-30**

%: **1.0000 - 1.0000** GS: **NoGS** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Hardware**

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

SUBSTANCE NOTES: Locks, pulls and their components.
Steel products have a recycled content on an average of 60% in the US including pre and post consumer.

RUBBER, SYNTHETIC EPDM

ID: 308064-28-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-30**

%: **1.0000 - 1.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Sealant**

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

SUBSTANCE NOTES: Rubber sealant is used between the components

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-30**

%: **0.5000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Sealant**

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

SUBSTANCE NOTES: Polypropylene is found in the brush pile seals under the moveable components.

POLYURETHANE FOAMS

ID: 9009-54-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-30**

%: **0.5000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Sealant**

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

SUBSTANCE NOTES: Polyurethane foam installed between components

STAINLESS STEEL

ID: 12597-68-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-01-30**

%: **0.1000 - 0.1000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: Screws
Steel products have a recycled content on an average of 60% in the US including pre and post consumer.

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
APPLICABLE FACILITIES: N/A
CERTIFICATE URL:

ISSUE DATE: 2021-01-30

EXPIRY DATE:

CERTIFIER OR LAB: N/A

CERTIFICATION AND COMPLIANCE NOTES: This HPD is for a product which is NOT liquid/wet applied. The product is inherently non-emitting.

VOC CONTENT — **UL/GreenGuard Gold Certified**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Applicable for all facilities.
CERTIFICATE URL: https://www.vtindustries.com/webres/File/architectural-doors/Sustainability/HPDL_GREENGUARD%20Gold%20Certification%2012-21-21.pdf

ISSUE DATE: 2020-06-12

EXPIRY DATE: 2021-12-21

CERTIFIER OR LAB: UL Environment

CERTIFICATION AND COMPLIANCE NOTES: The wood doors are supplied from VT Industries Heritage Collection which is GreenGuard Gold certified. The other components of the product are inherently non-emitting and do not require certification.

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.

SILICONE SEALANT

HPD URL: **https://hpdrepository.hpd-collaborative.org/repository/HPDs/publish_125_Commercial_100_Silicone_Sealant.pdf**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Silicone sealant may be used during the installation of the product on-site.

Section 5: General Notes

PK-30 System is a meticulously designed and engineered aluminum glazing framework system providing a flexible, beautiful, environmentally friendly and cost effective way to divide interior space. It is suitable for both residential and professional interiors and can be used in widely varying configurations including sliding doors, hinged doors, pocket doors, folding walls and fixed panels. The system accepts any 1/4" or 1/2" thick panel material allowing unlimited design choices.
For more information, please go to: www.pk30system.com.

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Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **PK30 System Inc**
ADDRESS: **3607 ATWOOD ROAD**
Stone Ridge NY 12484, US
WEBSITE: **http://www.pk30system.com/**

CONTACT NAME: **Philip Kerzner**
TITLE: **President**
PHONE: **212.473.8050**
EMAIL: **info@pk30system.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

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

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK 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.)
NoGS 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.