

HPD UNIQUE IDENTIFIER: 25179

CLASSIFICATION: 09 69 00 Access Flooring

PRODUCT DESCRIPTION: The Alpha III pedestal fully complies with light, medium & heavy grade requirements of the PSA mob PF2 PS/SPU spec. Alpha pedestals are a zinc plated steel construction; both materials are included in this HPD. The polypropylene end cap used with alpha pedestals is also included in this HPD. These head caps are 90mm diameter and provide positive panel location. The head of the pedestals is designed to accept a range of optional support stringers. Adjustment is a nominal +/-40mm; less on lower void heights, with the range of floor heights ranging from 20mm to 620mm.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	All Substances Above the Threshold Indicated Are:
☒ Nested Materials Method	☒ 100 ppm	Residuals/Impurities	Characterized ☐ Yes Ex/SC ☒ Yes ☐ No
☐ Basic Method	☐ 1,000 ppm	Considered in 3 of 3 Materials	% weight and role provided for all substances.
Threshold Disclosed Per	☐ Per GHS SDS	Explanation(s) provided	Screened ☐ Yes Ex/SC ☒ Yes ☐ No
☐ Material	☐ Other	for Residuals/Impurities?	All substances screened using Priority Hazard Lists with results disclosed.
☒ Product		☒ Yes ☐ No	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

STEEL [IRON, ELEMENTAL LT-P1 | END CARBON LT-UNK MANGANESE LT-P1 | END | MUL | REP UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED BM-2 | MAM | PHY] ZINC [ZINC (ZINC) LT-P1 | AQU | END | MUL | PHY] POLYPROPYLENE CAP [POLYPROPYLENE LT-UNK CARBON BLACK BM-1 | CAN UNDISCLOSED BM-1 | CAN]

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:

The Quartz database for common building materials was used when the manufacturer's information was lacking CAS identifiers or in cases where the material is not manufactured by Kingspan and they were relying on the secondary material information. Comparing and contrasting the Kingspan documentation against the generic product database allowed for a more robust screening than using the documentation alone.

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: Australian NPI VOC Definition Version 2.6, March 2009 - No VOCs

LCA: Australian NPI VOC Definition Version 2.6, March 2009 - No VOCs

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2021-06-29
☐ Yes	VERIFIER:	PUBLISHED DATE: 2021-06-29
☒ No	VERIFICATION #:	EXPIRY DATE: 2024-06-29

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

STEEL %: 98.0000 - 98.5000

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: Any impurities are present in all low-carbon steels		
OTHER MATERIAL NOTES:		

IRON, ELEMENTAL ID: 7439-89-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-29 8:57:03		
%: 97.7000 - 99.5000	GS: LT-P1	RC: Both	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
SUBSTANCE NOTES:				

CARBON ID: 7440-44-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-29 8:57:04		
%: 0.0000 - 0.1800	GS: LT-UNK	RC: Both	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: carbon in steel				

MANGANESE ID: 7439-96-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-29 8:57:05		
%: 0.0000 - 1.2000	GS: LT-P1	RC: Both	NANO: No	SUBSTANCE ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]		
SUBSTANCE NOTES:				

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-29 8:57:05**%: **0.0000 - 0.5000** GS: **LT-UNK** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: alloy or residual constituent of steel

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-29 8:57:05**%: **0.0000 - 0.3000** GS: **LT-UNK** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: alloy or residual constituent of steel

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-29 8:57:06**%: **0.0000 - 0.1200** GS: **BM-2** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MAM US EPA - EPCRA Extremely Hazardous Substances

Extremely Hazardous Substances

PHY EU - GHS (H-Statements)

H228 - Flammable solid

SUBSTANCE NOTES: alloy or residual constituent of steel

ZINC

%: **1.0000 - 1.5000**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were screened using the Quartz database of common building materials.

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-29 8:57:02		
%: 100.0000	GS: LT-P1	RC: UNK	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life		
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
PHY	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air		
PHY	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously		
SUBSTANCE NOTES:				

POLYPROPYLENE CAP

%: 0.4500 - 0.5500

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: There are no known residuals or impurities above reportable thresholds		
OTHER MATERIAL NOTES:		

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-29 8:57:02		
%: 98.0000 - 99.5000	GS: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Bulk polymer				

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-29 8:57:03		
%: 1.0000 - 2.0000	GS: BM-1	RC: UNK	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:				

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-06-29 8:57:04		
%: 0.0100 - 0.0500	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
CAN	IARC		Group 2b - Possibly carcinogenic to humans	
SUBSTANCE NOTES: Commonly used as lubricant in polymer processing				

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		Australian NPI VOC Definition Version 2.6, March 2009 - No VOCs	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-06-	EXPIRY DATE:	CERTIFIER OR LAB: self-declared
APPLICABLE FACILITIES: Kingspan Access Floors, Marfleet, Hull, UK	01		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			

LCA		Australian NPI VOC Definition Version 2.6, March 2009 - No VOCs	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2021-03-	EXPIRY DATE: 2026-	CERTIFIER OR LAB: Ugo Pretato,
APPLICABLE FACILITIES: Kingspan Access Floors, Marfleet, Hull, UK	29	03-28	Studio Fieschi
CERTIFICATE URL:			
https://www.environdec.com/library/epd2817			
CERTIFICATION AND COMPLIANCE NOTES: Environmental Product Declaration by EuGeos			

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 HPD covers an Alpha III pedestal and pedestal cap. The product is approx. 99.5% zinc-plated steel and 0.5% polymeric cap.

No volatile materials are present, therefore VOC testing is not conducted.

When screening Kingspan's products consider the following options: 1. flooring panel 2. pedestal 3. stringer. All Kingspan components have registered HPDs in the repository

MANUFACTURER INFORMATION

MANUFACTURER: Kingspan Access Floors Ltd
ADDRESS: Burma Drive
Marfleet Hull HU9 5SG, United Kingdom
WEBSITE: www.kingspanaccessfloors.co.uk

CONTACT NAME: Technical Sales
TITLE: Technical Sales
PHONE: +44 (0) 1482 781701
EMAIL: info@kingspanaccessfloors.co.uk

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)
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)	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.