

HPD UNIQUE IDENTIFIER: 3233404213248

CLASSIFICATION: 09 69 00 Access Flooring

PRODUCT DESCRIPTION: RLG600 is a light grade raised access floor system ideal for use in offices without heavy equipment. It is based on a 600mm-square module made of a 30mm high-density particle chipboard core in a galvanised steel outer. RLG600 is capable of handling a 6.7kN/m2 uniformly distributed load.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold Level, Residuals/Impurities Evaluation, and nested text for Characterized, Screened, and Identified. Includes radio button options for Yes/No.

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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

PARTICLE BOARD [WOOD FIBER - UNSPECIFIED NoGS WATER BM-4 UREA, POLYMER WITH AMMONIA AND FORMALDEHYDE LT-UNK PARAFFIN LT-UNK MAM SILICA, HYDRATE LT-UNK STEEL, GALVANISED [IRON, ELEMENTAL LT-P1 END ZINC, ELEMENTAL LT-P1 MUL | AQU MANGANESE LT-P1 END | MUL | REP | MAM | AQU TITANIUM LT-UNK PHY CARBON LT-UNK PHOSPHORUS BM-2 | MAM | PHY | EYE | AQU | SKI SILICON, ELEMENTAL LT-UNK POLYURETHANE ADHESIVE [PROPYLENE OXIDE, ETHYLENE OXIDE, 1,2-PROPANEDIOL, DIPHENYLMETHANE-4,4'-DIISOCYANATE POLYMER LT-UNK SKI | EYE | MAM SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9) BM-1 CAN | MAM LIMESTONE (PRIMARY CASRN IS 1317-65-3) BM-3dg POLYETHER POLYOL NoGS 4,4'-DIPHENYLMETHANE DIISOCYANATE LT-UNK CAN | RES | SKI | EYE | MAM GENERIC MDI HOMOPOLYMER LT-P1 SKI | EYE | MAM | CAN]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The manufacturer's material ingredient inventory was further enhanced by referencing the Quartz database for common building materials. This is the case specifically for materials where Kingspan relies on secondary documentation from SDS sheets and their supplier's documentation.

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: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

LCA: Environmental Product Declaration (EPD) by EuGeos

Sustainable forestry: FSC Certification - Chain of Custody (COC)

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

PREPARER: Self-Prepared

VERIFIER:

SCREENING DATE: 2024-11-29

PUBLISHED DATE: 2024-11-29

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

PARTICLE BOARD

#: 70.5000 - 71.3000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Wood Dust, Fiber or Chips

RESIDUALS AND IMPURITIES NOTES: The product contains wood from various sources with uncharacterised residuals

OTHER MATERIAL NOTES:

WOOD FIBER - UNSPECIFIED

ID: Not registered

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-11-29 6:33:34**

#: **76.0000 - 84.0000** GreenScreen: **NoGS** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Biological material**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|----------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|----------------------|--|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: wood chip of mixed origin

WATER

ID: 7732-18-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-11-29 6:33:34**

#: **7.0000 - 10.0000** GreenScreen: **BM-4** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Biological material**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|----------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|--|---|
| EXEMPT | European Union / European Commission (EU EC) | EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety |

SUBSTANCE NOTES:

UREA, POLYMER WITH AMMONIA AND FORMALDEHYDE

ID: 27967-29-9

%: **9.0000 - 10.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|--|--|
| None found | | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Perkins+Will (P+W) | P&W - Precautionary List Precautionary list of substances recommended for avoidance |
| RESTRICTED LIST | International Living Future Institute (ILFI) | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 Red List substances to avoid in Living Building Challenge V4.0 projects |
| SUBSTANCE NOTES: | | |

PARAFFINID: **8002-74-2**

%: **0.0000 - 1.0000** GreenScreen: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|----------------------|---|
| MAM | GHS - Japan | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| None found | | No listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: actual role of substance in resin formulation is uncertain | | |

SILICA, HYDRATEID: **10279-57-9**

%: **0.0000 - 1.0000** GreenScreen: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|----------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: actual role in resin formulation is uncertain

STEEL, GALVANISED

%: 29.2000 - 29.8000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: Any residuals and impurities are those common in galvanised steels

OTHER MATERIAL NOTES:

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-11-29 6:33:34**

%: 94.5000 - 98.2000

GreenScreen: **LT-P1**

RC: **Both**

NANO: **No**

SUBSTANCE ROLE: **Alloy element**

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

END

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: contains recycled content, both pre and post consumer

ZINC, ELEMENTAL

ID: 7440-66-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-11-29 6:33:34**

%: 1.2500 - 3.2500

GreenScreen: **LT-P1**

RC: **UNK**

NANO: **No**

SUBSTANCE ROLE: **Coating**

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

MUL

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

AQU

GHS - New Zealand

Hazardous to the aquatic environment - acute category 1

AQU

GHS - New Zealand

Hazardous to the aquatic environment - chronic category 1

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|---|--|
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List Antimicrobials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Children's Toy Products |

SUBSTANCE NOTES: Corrosion protective coating

MANGANESE

ID: 7439-96-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-11-29 6:33:35**

#: **0.0000 - 1.1000** GreenScreen: **LT-P1** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MUL | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |
| REP | GHS - Japan | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 3 |
| AQU | GHS - Japan | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2] |
| AQU | GHS - Japan | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|---|--|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Children's Toy Products |

SUBSTANCE NOTES: Present in base steel

TITANIUM

ID: 7440-32-6

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2024-11-29 6:33:35 | |
|--|----------------------------|--|--|
| %: 0.0000 - 0.3000 | GreenScreen: LT-UNK | RC: Both | NANO: No SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS | |
| PHY | GHS - Japan | H225 - Highly flammable liquid and vapour [Flammable solids - Category 1] | |
| PHY | GHS - Japan | H250 - Catches fire spontaneously if exposed to air [Pyrophoric solids - Category 1] | |
| PHY | GHS - Japan | H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1] | |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION | |
| None found | | No listings found on Additional Hazard Lists | |

SUBSTANCE NOTES: Present in base steel

CARBON

ID: 7440-44-0

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2024-11-29 6:33:36 | |
|--|----------------------------|--|--|
| %: 0.0000 - 0.1700 | GreenScreen: LT-UNK | RC: Both | NANO: No SUBSTANCE ROLE: Alloy element |
| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS | |
| None found | | No warnings found on HPD Priority Hazard Lists | |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|---------------------------------------|---|
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List Antimicrobials |

SUBSTANCE NOTES: contains recycled content, amount unknown

PHOSPHORUS

ID: 7723-14-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-11-29 6:33:36**

%: **0.0000 - 0.1100** GreenScreen: **BM-2** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| MAM | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances |
| MAM | GHS - New Zealand | Specific target organ toxicity - repeated exposure category 1 |
| PHY | GHS - New Zealand | Pyrophoric solids category 1 |
| EYE | GHS - New Zealand | Serious eye damage category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| MAM | Québec CSST - WHMIS 1988 | Class D1A - Very toxic material causing immediate and serious toxic effects |
| SKI | GHS - New Zealand | Skin corrosion category 1A |
| MAM | GHS - New Zealand | Acute dermal toxicity category 1 |
| MAM | GHS - New Zealand | Acute inhalation toxicity category 1 |
| MAM | GHS - New Zealand | Acute oral toxicity category 1 |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|---|---|
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Cosmetics and Personal Care Products |

SUBSTANCE NOTES:

SILICON, ELEMENTAL

ID: 7440-21-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2024-11-29 6:33:37**%: **0.0000 - 0.0040**GreenScreen: **LT-UNK**RC: **Both**NANO: **No**SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|----------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|----------------------|--|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Present in base steel

POLYURETHANE ADHESIVE%: **0.5000 - 0.7000**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities likely to be present in generic materials of this type have been considered

OTHER MATERIAL NOTES:

PROPYLENE OXIDE, ETHYLENE OXIDE, 1,2-PROPANEDIOL, DIPHENYLMETHANE-4,4'-DIISOCYANATE POLYMER

ID: 68083-75-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2024-11-29 6:33:37**%: **69.0000 - 75.0000**GreenScreen: **LT-UNK**RC: **UNK**NANO: **No**SUBSTANCE ROLE: **Polymer species**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|----------------------|--|
| SKI | GHS - Australia | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| EYE | GHS - Australia | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A] |
| MAM | GHS - Australia | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|----------------------|--|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Typical polyurethane formed by reaction of di-isocyanates and polyols: exact PU present in this adhesive is not known

SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9)

ID: 107497-59-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2024-11-29 6:33:38**%: **0.0000 - 22.5000**GreenScreen: **BM-1**RC: **UNK**NANO: **No**SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|----------------------|---|
| CAN | GHS - Japan | H350 - May cause cancer [Carcinogenicity - Category 1A] |
| CAN | GHS - Australia | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B] |
| MAM | GHS - Japan | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---------------------|---------------------------------------|---|
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List Antimicrobials |

SUBSTANCE NOTES: Silica may also serve as a filler

LIMESTONE (PRIMARY CASRN IS 1317-65-3)

ID: 359415-48-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-11-29 6:33:38**

#: **0.0000 - 22.5000** GreenScreen: **BM-3dg** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|----------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Limestone, in powder form, may also serve as a filler

POLYETHER POLYOL

ID: 39072-02-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-11-29 6:33:37**

#: **0.0000 - 0.0050** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|----------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

| | | |
|------------|--|--|
| None found | | No listings found on Additional Hazard Lists |
|------------|--|--|

SUBSTANCE NOTES: Possible residual of generic pre-polymer material

4,4'-DIPHENYLMETHANE DIISOCYANATE

ID: 101-68-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2024-11-29 6:33:37**

%: **0.0000 - 0.0010** GreenScreen: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Impurity/Residual**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|-------------|---|---|
| CAN | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |
| RES | MAK | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| SKI | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| EYE | EU - GHS (H-Statements) Annex 6 Table 3-1 | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A] |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| SKI | GHS - New Zealand | Skin irritation category 2 |
| EYE | GHS - New Zealand | Eye irritation category 2 |
| SKI | GHS - Australia | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| EYE | GHS - Australia | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| MAM | GHS - Japan | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - New Zealand | Specific target organ toxicity - repeated exposure category 1 |
| MAM | GHS - Japan | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - Japan | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2] |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| MAM | GHS - New Zealand | Acute inhalation toxicity category 2 |

| | | |
|---------------------|---|---|
| EYE | GHS - Korea | H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2] |
| SKI | GHS - Korea | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| MAM | Québec CSST - WHMIS 1988 | Class D1A - Very toxic material causing immediate and serious toxic effects |
| MAM | GHS - Australia | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2] |
| MAM | GHS - Japan | H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2] |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - Korea | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Perkins+Will (P+W) | P&W - Precautionary List Precautionary list of substances recommended for avoidance |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 All Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Cosmetics and Personal Care Products |

SUBSTANCE NOTES: Possible residual monomer from PU formation

GENERIC MDI HOMOPOLYMER

ID: **39310-05-9**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2024-11-29 6:33:38**

#: **0.0000 - 0.0010**

GreenScreen: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Impurity/Residual**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---------------------|--|---|
| SKI | GHS - Australia | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| EYE | GHS - Australia | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A] |
| MAM | GHS - Australia | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| MAM | GHS - Australia | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2] |
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 All Products |

SUBSTANCE NOTES: Possible residual from polyurethane formation

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 | CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario | |
|--|---|----------------------------|
| CERTIFYING PARTY: Third Party | ISSUE DATE: 2021-07-28 00:00:00 | CERTIFIER OR LAB: Eurofins |
| APPLICABLE FACILITIES: Kingspan Access Floors, Marfleet, Hull, UK | EXPIRY DATE: | Product Testing A/S |
| CERTIFICATE URL: | | |
| CERTIFICATION AND COMPLIANCE NOTES: | | |

| LCA | Environmental Product Declaration (EPD) by EuGeos | |
|---|--|-------------------------------|
| CERTIFYING PARTY: Third Party | ISSUE DATE: 2021-03-29 00:00:00 | CERTIFIER OR LAB: Ugo Pretato |
| APPLICABLE FACILITIES: Kingspan Access Floors, Marfleet, Hull, UK | EXPIRY DATE: 2026-03-28 00:00:00 | |
| CERTIFICATE URL: https://www.environdec.com/library/epd2808 | | |
| CERTIFICATION AND COMPLIANCE NOTES: | | |

| SUSTAINABLE FORESTRY | FSC Certification - Chain of Custody (COC) | |
|--|---|-----------------------|
| CERTIFYING PARTY: Third Party | ISSUE DATE: 2022-09-27 00:00:00 | CERTIFIER OR LAB: SGS |
| APPLICABLE FACILITIES: Kingspan Access Floors, Marfleet, Hull, UK | EXPIRY DATE: 2027-09-26 00:00:00 | |
| CERTIFICATE URL: | | |
| 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

Kingspan Access Flooring Limited manufacturers raised flooring systems. When screening Kingspan's products consider the following options: 1. flooring panel 2. pedestal 3. stringer, if used.

MANUFACTURER INFORMATION

MANUFACTURER: **Kingspan Data + Flooring**
 ADDRESS: **Burma Drive**
Marfleet, Hull HU9 5SG
 COUNTRY: **United Kingdom**

WEBSITE: **<https://www.kingspan.com/gb/en/contact-us/kingspan-data-flooring/>**
 CONTACT NAME: **Technical Sales**
 TITLE: **Technical Sales**
 PHONE: **+44 (0) 1482 781701**
 EMAIL: **KDFInfo@kingspan.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 | 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-P1 List Translator Possible 1 (Possible Benchmark-1) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-1 List Translator 1 (Likely Benchmark-1) |
| BM-2 Benchmark 2 (use but search for safer substitutes) | LT-UNK List Translator Benchmark Unknown |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | NoGS No GreenScreen. |
| BM-U Benchmark Unspecified (due to insufficient data) | |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.