

HPD UNIQUE IDENTIFIER: 27266

CLASSIFICATION: 09 65 16.23 Vinyl Sheet Flooring

PRODUCT DESCRIPTION: AHF Products offers a series of leading commercial solutions. The Homogeneous sheet line features a solid 2.0 mm gauge construction with a through-color base layer. This allows the floor to handle heavy rolling loads and ensures that any accidental gouges will become visually imperceptible. Wide 2.0 m (78.7 in.) rolls are wider than the standard competitor's 72 in., resulting in a faster installation with less seams or welds. Available in a variety of colors, our Homogeneous sheet features 100% virgin vinyl with no phthalates or heavy metals and a smooth embossed surface, topped with our ground-breaking coating. Our breakthrough coating system is best-in-class, provides the ultimate protection for easy cleanability and superior resistance to scratches and stains and requires no waxing, buffing, sealers or finishes. Ideal for Healthcare, Assisted Living, Education, Corporate, Hospitality, Retail and Institutional environments and comes with a 10-year limited commercial warranty.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold Level, Residuals/Impurities, and Characterized/Screened/Identified. Includes radio button options for reporting methods and threshold levels.

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
HOMOGENEOUS SHEET [PVC LT-P1 | RES CALCIUM CARBONATE BM-3dg DOTP BM-3dg 1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,3-BUTANEDIOL, 1,6-DIISOCYANATOHEXANE, 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL, 1,6-HEXANEDIOL AND 2-OXEPANONE LT-UNK ZINC STEARATE LT-P1 4-ACRYLOLMORPHOLINE LT-P1 | MUL | SKI | EYE DIPENTAERYTHRITOL HEXAACRYLATE NoGS PENTAERYTHRITOL TETRAACRYLATE LT-UNK | SKI | EYE SILICON DIOXIDE POWDER BM-1 4-(2-HYDROXYETHOXY)BENZOPHENONE, ACETATE NoGS BENZYL ACRYLATE NoGS BIS(2-(METHACRYLOYLOXY)ETHYL) PHOSPHATE 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:

Basic Inventory Method

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: RFCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified? (radio buttons)
PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:
SCREENING DATE: 2022-01-24
PUBLISHED DATE: 2022-01-24
EXPIRY DATE: 2025-01-24

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

HOMOGENEOUS SHEET

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Although this product does not meet the requirements for Residuals/Impurities - Considered, it has been thoroughly tested according to the latest industry standards for performance & safety (including heavy metals, orthophthalates, and VOC emissions/indoor air quality).

OTHER PRODUCT NOTES: We have disclosed all known ingredients via this HPD.

PVC

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-01-24 11:48:54

#: 39.7600 - 49.7000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

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

SUBSTANCE NOTES:

CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-01-24 11:48:54

#: 29.8200 - 44.7300 GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Filler

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

SUBSTANCE NOTES:

DOTP

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-01-24 11:48:54

#: 14.9100 - 24.8500 GS: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Plasticizer

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

SUBSTANCE NOTES:

**1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,3-BUTANEDIOL,
1,6-DIISOCYANATOHEXANE, 2-ETHYL-2-(HYDROXYMETHYL)-1,3-
PROPANEDIOL, 1,6-HEXANEDIOL AND 2-OXEPANONE**

ID: 83863-86-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-24 11:48:55**

%: **0.2700 - 0.3300** GS: **LT-UNK** RC: **None** 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:

ZINC STEARATE

ID: 557-05-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-24 11:48:55**

%: **0.0990 - 1.9880** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Stabilizer**

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

SUBSTANCE NOTES:

4-ACRYLOYLMORPHOLINE

ID: 5117-12-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-24 11:48:56**

%: **0.0300 - 0.0900** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

SUBSTANCE NOTES:

DIPENTAERYTHRITOL HEXAACRYLATE

ID: 29570-58-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-24 11:48:56**

%: **0.0300 - 0.0900** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

PENTAERYTHRITOL TETRAACRYLATE

ID: 4986-89-4

%: **0.0300 - 0.0900** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]

SUBSTANCE NOTES:

SILICON DIOXIDE POWDERID: **112945-52-5**

%: **0.0300 - 0.0900** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Matting agent**

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

SUBSTANCE NOTES:

4-(2-HYDROXYETHOXY)BENZOPHENONE, ACETATEID: **75230-42-1**

%: **0.0060 - 0.0600** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

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

SUBSTANCE NOTES:

BENZYL ACRYLATEID: **2495-35-4**

%: **0.0060 - 0.0600** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

BIS(2-(METHACRYLOYLOXY)ETHYL) PHOSPHATEID: **32435-46-4**

%: **0.0060 - 0.0300** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

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

RFCI FloorScore

CERTIFYING PARTY: Third Party

ISSUE DATE: 2021-04-

EXPIRY DATE: 2022-

CERTIFIER OR LAB: SCS Global

APPLICABLE FACILITIES: All

01

03-31

Services

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Certificate #SCS-FS-06259

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.

BONDLINK

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Refer to installation instructions for additional information

APEX PRO

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Refer to installation instructions for additional information

TUFFLINK

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Refer to installation instructions for additional information

Section 5: General Notes

Refer to installation instructions and manufacturer's warranty for information about proper use of adhesives/accessories and other important information.

MANUFACTURER INFORMATION

MANUFACTURER: AHF, LLC dba AHF Products
ADDRESS: 3840 Hempland Road
P.O. Box 566
Mountville PA 17554, United States
WEBSITE: <https://www.ahfproducts.com/>

CONTACT NAME: Commercial Support
TITLE: Commercial Support
PHONE: (866) 243-2726
EMAIL: commercialsupport@ahfproducts.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-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.