



Certificate

Indoor Air Comfort Gold

DRYBACK

Certified Product

HMTX Industries

Applicant

The product complies with Indoor Air Comfort Gold requirements for product type, version 7.0 (2020). These include both inspections of factory production according to DIN 18200 and VOC testing according to EN 16516 by an ISO 17025 accredited laboratory, at regular interval.

Indoor Air Comfort Gold certification ensures that low product emission requirements are fulfilled and is a sign of the applicant's focus on quality and contribution to a healthy indoor environment.

Product type: Resilient floor covering

Certificate number: IACG-346-01-06-2021

Issue date: 03 June 2021

Validity date: 03 June 2026

This certificate is valid as specified if regular surveillance and testing is done.

Compliance with Indoor Air Comfort Gold means compliance with VOC requirements on low emitting products of:

Belgium regulation, France VOC class A+, Germany (AgBB/ABG), BREEAM international, BREEAM NOR, BREEAM NL, LEED, WELL Building, SKA Rating, French HQE certification, Italian CAM Edilizia, BVB (Sweden), Eco Product Norway, DGNB, Nordic Swan, Blue Angel DE-UZ 120, Austrian ecolabel criteria UZ 42, M1, Danish Indoor Climate Label, very low emitting products according to EN 16798-1, Singapore Green Label, GreenTag Australia

Thomas Neuhaus

Head of Certification Body



Product Testing



Appendix to Certificate IACG-346-01-06-2021

HMTX Industries

receives the Indoor Air Comfort Gold certificate with validity 03 June 2026

for below product group, including subgroups and individual products as listed:

Product group: **DRYBACK**

Product type: **Resilient floor covering**

Products included:

XF Aspecta One
Elemental by Aspecta
XF Aspecta Five
XF Dryback
XF Solid LVT

The products in this group are based on identical or similar recipe and are produced under equivalent conditions. Grouping of the products and inspection of the production process is part of the Indoor Air Comfort Gold certification. A worst-case product, which is representative for the whole group, is being tested frequently.



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 00120Q37014R6L/3200

We hereby certify that

Zhangjiagang Elegant Home-Tech Co., Ltd.

Unified Social Credit Code: 714943959

Hexing Street, Jin Feng Town, Zhangjiagang City, Jiangsu, P.R.China

by reason of its
Quality Management System
has been awarded this certificate for compliance with the standard
GB/T 19001-2016 / ISO 9001:2015
The Quality Management System Applies in the following area:

Design and Production of PVC Floor Tiles & Plank

Certified since: September 24, 2002 Valid from: September 3, 2020 Valid until: September 23, 2023

After a surveillance cycle, the certificate is valid only when used together with an Acceptance Notice of Surveillance Audit issued by CQC.
Please access www.cqc.com.cn for checking validity of the certificate.

This certificate and its relevant information can query in the website of Certification and Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C001-M

陆梅
Signed by: Lu Mei



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan(the South Fourth Ring Road) Xilu(West Road), Beijing 100070,China
<http://www.cqc.com.cn>

A 0078642

2018年版



ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 00120E32996R6L/3200

We hereby certify that
Zhangjiagang Elegant Home-Tech Co., Ltd.

Hexing Street, Jin Feng Town, Zhangjiagang City, Jiangsu, P.R.China

by reason of its

Environmental Management System

has been awarded this certificate for compliance with the standard

GB/T 24001-2016 / ISO 14001:2015

The Environmental Management System Applies in the following area:

Design, Production of PVC Floor Tiles & Plank and Related Management Activities

Certified since: September 26, 2002 Valid from: September 3, 2020 Valid until: September 23, 2023

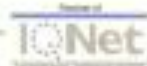
After a surveillance cycle, the certificate is valid only when used together with an Acceptance Notice of Surveillance Audit issued by CQC.
Please access www.cqc.com.cn for checking validity of the certificate.

This certificate and its relevant information can query in the website of Certification and Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).



中国合格评定
国家认可委员会
MANAGEMENT SYSTEM
CNAS C00148

陆梅
Signed by: Lu Mei



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan(the South Fourth Ring Road) Xilu(West Road), Beijing 100070,China
<http://www.cqc.com.cn>

A 0078720

2018年版

此为证书 CN21/20809.00 译本

下述组织

张家港市易华润东新材料 有限公司

注册地址：杨舍镇工业开发区内
经营地址：中国江苏省张家港市杨舍镇工业开发区复兴路 288 号

的管理体系已经过审核，并被证明符合下述要求

ISO 45001:2018

所涉及的活动范围覆盖

注册范围显示在此证书的第二页上

该证书的有效期限自 2021 年 05 月 06 日至 2024 年 05 月 05 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书到期日前 60 天执行
版本号 1, 初始注册日期 2021 年 05 月 06 日

在此范围内出具了多张证书
主证书编号为 CN21/20809.00

此为一个多场所认证
其他场所的详细信息在后续页上列出



签署

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0005

HC SGS 45001 2018 0219 M3

第 1 页, 共 2 页



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张家港市易华润东新材料 有限公司

ISO 45001:2018

版本号 1



认证范围

PVC 塑料地砖的设计和制造

附属机构

张家港市易华润东新材料有限公司

注册地址：杨舍镇工业开发区内

经营地址：中国江苏省张家港市杨舍镇工业开发区中兴路 7 号

张家港市易华润东新材料有限公司

注册地址：杨舍镇工业开发区内

经营地址：中国江苏省张家港市杨舍镇工业开发区长兴路 88 号

张家港市易华润东新材料有限公司

注册地址：杨舍镇工业开发区内

经营地址：中国江苏省张家港市杨舍镇工业开发区长兴路 10 号

张家港市易华润东新材料有限公司

注册地址：杨舍镇工业开发区内

经营地址：中国江苏省张家港市杨舍镇经济开发区振兴路 168 号



0005

Certificate CN21/20809.00

The management system of

Zhangjiagang Yihua Rundong New Material Co., Ltd.

Business Registration Address: Yangshe Town Industry Development Area
Business Operation Address: No. 288, Fuxing Road, Yangshe Town Industry
Development Zone, Zhangjiagang City, Jiangsu Province, P.R. China

has been assessed and certified as meeting the requirements of

ISO 45001:2018

For the following activities

The scope of registration appears on page 2 of this certificate

This certificate is valid from 6 May 2021 until 5 May 2024
and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date.
Issue 1. Certified since 6 May 2021

Multiple certificates have been issued for this scope
The main certificate is numbered CN21/20809.00

This is a multi-site certification

Additional site details are listed on subsequent pages.



Authorised by

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Zhangjiagang Yihua Rundong New Material Co., Ltd.

ISO 45001:2018

Issue 1.



Detailed scope

Design and manufacture of PVC (Polyvinyl chloride) plastic floor tiles

Additional facilities

Zhangjiagang Yihua Rundong New Material Co., Ltd.

Business Registration Address: Yangshe Town Industry Development Area
Business Operation Address: No. 7, Zhongxing Road,
Yangshe Town Industry Development Zone,
Zhangjiagang City, Jiangsu Province, P.R. China

Zhangjiagang Yihua Rundong New Material Co., Ltd.

Business Registration Address: Yangshe Town Industry Development Area
Business Operation Address: No. 88, Changxing Road,
Yangshe Town Industry Development Zone,
Zhangjiagang City, Jiangsu Province, P.R. China

Zhangjiagang Yihua Rundong New Material Co., Ltd.

Business Registration Address: Yangshe Town Industry Development Area
Business Operation Address: No. 10, Changxing Road,
Yangshe Town Industry Development Zone,
Zhangjiagang City, Jiangsu Province, P.R. China

Zhangjiagang Yihua Rundong New Material Co., Ltd.

Business Registration Address: Yangshe Town Industry Development Area
Business Operation Address: No. 168, Zhenxing Road
Yangshe Town Industry Development Area,
Zhangjiagang City, Jiangsu province, P.R. China



0005

HPD UNIQUE IDENTIFIER: 32516

CLASSIFICATION: 09 65 19.23 Vinyl Tile Flooring

PRODUCT DESCRIPTION: Elemental by Aspecta™ Dryback 2.5 mm x 0.55 mm luxury vinyl tile flooring comes with a 0.55 mm wear layer and consists of 32 plank and tile designs ideal for any interior. Our range of embosses create authentic, eye-catching textures that enhance the natural details of the designs. Covered by a 20-year limited warranty, Elemental by Aspecta Dryback 2.5 mm is composed of 100% virgin vinyl, phthalate & formaldehyde-free, and FloorScore® certified.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
☒ Nested Materials Method	☒ 100 ppm	☐ Completed	Characterized ☒ Yes ☐ No
☒ Basic Method	☐ 1,000 ppm	☐ Partially Completed	Provided weight and role.
Threshold Disclosed Per	☐ Per GHS SDS	☒ Not Completed	Screened ☒ Yes ☐ No
☐ Material	☐ Other	Explanation(s) provided :	Provided screening results using HPDC-approved methods.
☒ Product		☒ Yes ☐ No	Identified ☒ Yes ☐ No
			Provided name and CAS RN or other identifier.

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

ELEMENTAL DRYBACK 2.5MM X 0.55 MM | CALCIUM CARBONATE
BM-3 | EYE POLYVINYL CHLORIDE LT-P1 | MAM DI(2-ETHYLHEXYL)
TEREPHTHALATE BM-3dg | 2-PROPENOIC ACID, 2-METHYL-,
POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-
PROPENOATE LT-UNK | OCTADECANOIC ACID, CALCIUM SALT LT-
UNK | OCTADECANOIC ACID, ZINC SALT LT-UNK | AQU 2-PROPENOIC
ACID, 2-(HYDROXYMETHYL)-2-[[[1- OXO-2-
PROPENYL)OXY]METHYL]-1,3-PROPANEDIYL ESTER LT-P1 | SKI |
EYE | AQU | REP | MAM 2-PROPENOIC ACID, 2-METHYL-, METHYL
ESTER, POLYMER WITH BUTYL 2-PROPENOATE LT-UNK | CARBON
BLACK BM-1 | CAN | EYE | MAM 1,6-HEXANEDIOL DIACRYLATE LT-
P1 | SKI | MUL | EYE | AQU POLYURETHANE FOAMS LT-UNK
LANTHANUM(3+) STEARATE NoGS | DIPROPYLENE GLYCOL
DIACRYLATE LT-UNK | SKI | EYE SILICA GEL, PPTD., CRYST.-FREE
LT-UNK | C.I.PIGMENT RED 221 LT-UNK | VINYL CHLORIDE-VINYL
ACETATE COPOLYMERS LT-UNK

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:

This HPD was created with Basic Inventory.

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 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

☐ Yes
☒ No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2023-04-26

PUBLISHED DATE: 2023-04-26

EXPIRY DATE: 2026-04-26

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

ELEMENTAL DRYBACK 2.5MM X 0.55 MM

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Although this product does not meet the qualifications for "Residuals & Impurities - Considered", we have: 1) disclosed all known, intentionally-added ingredients; 2) tested this product to ensure it is free of red list heavy metals, phthalate-free, formaldehyde-free, and meets VOC emissions/indoor air quality requirements per FloorScore® / California Section 01350.

OTHER PRODUCT NOTES: We have disclosed all known, intentionally-added ingredients.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:44		
%: 48.8360 - 58.9400	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:45		
%: 29.8470 - 38.3250	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	

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 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Core Restrictions
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2022 Red List substances to avoid in Living Building Challenge V4.0 projects
SUBSTANCE NOTES:		

DI(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:45		
%: 9.0540 - 11.4090	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
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 of Problematic Chemicals		
		Some Solvents		
SUBSTANCE NOTES:				

2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE

ID: 25035-68-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:46		
%: 0.4210 - 0.7580	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
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:				

OCTADECANOIC ACID, CALCIUM SALT

ID: 1592-23-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:47		
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%: 0.3790 - 0.5530		GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
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:					

OCTADECANOIC ACID, ZINC SALT

ID: 557-05-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:45		
%: 0.3790 - 0.5530	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - acute category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4 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 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Children's Products	
SUBSTANCE NOTES:				

2-PROPENOIC ACID, 2-(HYDROXYMETHYL)-2-[[[1- OXO-2-PROPENYL]OXY]METHYL]-1,3-PROPANEDIYL ESTER

ID: 3524-68-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-04-26 10:19:46		
%: 0.0390 - 0.0780		GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Abrasion resistance

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of 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]
SKI	GHS - New Zealand	Skin 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]
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
MAM	GHS - New Zealand	Acute dermal toxicity category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE

ID: 25852-37-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:46		
%: 0.0620 - 0.0660	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
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:				

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-04-26 10:19:47
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%: 0.0250 - 0.0590		GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		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		
EYE	GHS - New Zealand		Eye irritation category 2		
CAN	GHS - New Zealand		Carcinogenicity category 2		
CAN	GHS - Japan		H351 - Suspected of causing cancer [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]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found		No listings found on Additional Hazard Lists			
SUBSTANCE NOTES:					

1,6-HEXANEDIOL DIACRYLATE					ID: 13048-33-4
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-04-26 10:19:48		
%: 0.0260 - 0.0330		GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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]
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]
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

POLYURETHANE FOAMS

ID: 9009-54-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:45		
%: 0.0130 - 0.0330	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Powder coating
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:				

LANTHANUM(3+) STEARATE

ID: 14741-67-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:46		
%: 0.0250 - 0.0280	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer

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:		

DIPROPYLENE GLYCOL DIACRYLATE

ID: 57472-68-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:47		
%: 0.0070 - 0.0200	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
SKI	GHS - New Zealand	Skin irritation category 2		
EYE	GHS - New Zealand	Eye irritation category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

SILICA GEL, PPTD., CRYST.-FREE

ID: 112926-00-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:47		
%: 0.0070 - 0.0200	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Matting agent
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:				

C.I.PIGMENT RED 221

ID: 61815-09-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:48		
%: 0.0180 - 0.0180	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
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:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-04-26 10:19:46		
%: 0.0180 - 0.0180	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
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	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Core Restrictions		
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: 2022-12-01	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: All	EXPIRY DATE: 2023-11-30	
CERTIFICATE URL: https://www.scsglobalservices.com/certified-clients/certificates/17440		
CERTIFICATION AND COMPLIANCE NOTES: Certificate #SCS-FS-03808		

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.

REFER TO INSTALLATION MANUAL
MANUFACTURER (OR GENERIC): Prevail
HPD URL: No HPD Available
ACCESSORY TYPE: Adhesive
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Refer to Installation Manual for recommended adhesives/accessories for this product.

Section 5: General Notes

To preserve manufacturer's full warranty, please refer and adhere to the information contained in the Installation Manual for this product.



Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: HMTX Industries, LLC
ADDRESS: 29 Oakwood Avenue
Norwalk CT 06850, United States of America
WEBSITE: <https://www.elementalbyaspecta.com>

CONTACT NAME: Arthur Clarke
TITLE: Director of Sustainability & Impact
PHONE: (203) 561-9722
EMAIL: ac@hmtx.global

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.



Organization Name: HMTX Industries

Organization Type: Manufacturing

Headquarters: Norwalk, Connecticut

Number of Employees: 176

Social Justice Indicators:

Diversity & Inclusion

- ■ ■ ■ Gender Diversity
- □ □ □ Ethnic Diversity
- □ □ □ Inclusion
- ■ ■ ■ Engagement

Equity

- ■ ■ ■ Full-Time Employment
- ■ ■ □ Pay-Scale Equity
- ■ □ □ Freedom of Association
- □ □ □ Living Wage
- ■ ■ □ Gender Pay Equity

Employee Health

- □ □ □ Physical Health
- ■ □ □ Well-Being

Employee Benefits

- ■ ■ □ Health Care
- ■ □ □ Retirement Provision
- ■ □ □ Family/Medical Leave
- ■ ■ ■ Training/Education

Stewardship

- ■ □ □ Local Communities
- ■ ■ □ Volunteering
- ■ □ □ Animal Welfare
- □ □ □ Charitable Giving
- ■ □ □ Positive Products

Purchasing & Supply Chain

- □ □ □ Equitable Purchasing
- ■ □ □ Supply Chain

THE SOCIAL JUSTICE LABEL 2.0

HMT-004

EXP. 05/01/2024

Declare.



Elemental Dryback 2.5mm x 0.55 mm Aspecta N.A.

Final Assembly: Zhangjiagang, Jiangsu, China

Life Expectancy: 20 Year(s)

Embodied Carbon: 8.478 kg CO₂-eq 

Declared Unit: 1 square meter of flooring

End of Life Options: Landfill (100%)

Ingredients:

Calcium carbonate; **Polyvinyl chloride**; Di(2-ethylhexyl) terephthalate; 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate and methyl 2-methyl-2-propenoate; Octadecanoic acid, calcium salt; Octadecanoic acid, zinc salt; 2-Propenoic acid, 2-(hydroxymethyl)-2-[[[1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester; 2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate; Carbon black; 1,6-Hexanediol Diacrylate; Polyurethane foams; Lanthanum(3+) Stearate; Dipropylene Glycol Diacrylate; Silica gel, pptd., cryst.-free; C.I.Pigment Red 221; Vinyl chloride-vinyl acetate copolymers

Living Building Challenge Criteria:

I-13 Red List:

☐ LBC Red List Free

% Disclosed: 100% at 100ppm

☐ LBC Red List Approved

VOC Content: Not Applicable

☒ Declared

I-10 Interior Performance: CDPH Standard Method v1.2-2017

I-14 Responsible Sourcing: Not Applicable

ASP-0024

EXP. 01 OCT 2023

Original Issue Date: 2019