GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Elegant Home-Tech Co, Ltd

Dryback & Loose Lay & Vinylquite Acoustic Glue Down Luxury Vinyl Tile

Dryback, Looselay and Acoustic Glue Down LVT are heterogeneous vinyl tiles, available in a wide range of designs such as wood, stone, abstract etc. These products are UV coated resulting in easy maintenance, suitable for applications in residential and commercial sectors. These products have low VOC emission (less than 0.5mg/m2/hr), which enable a healthy indoor air environment. The factory is ISO14001 Environmental Management System certified.



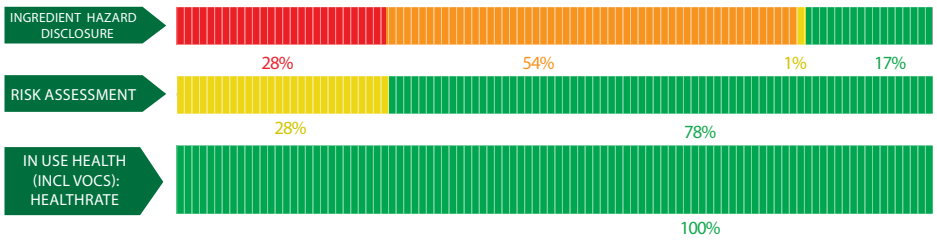
Products/Ranges:	Dryback & Loose Lay & Vinylquite Acoustic Glue Down Luxury Vinyl Tile
Product Stages Assessed:	Raw materials, manufacturing, in-use
Product Type:	Vinyl Tile Flooring
CSI Masterformat:	TBC
Licenced Site/s:	Zhangjiagang, China
Licence Number:	ZEH:RF01:2025:PH
Licence Date:	25th November 2019
Valid To:	25th November 2027
Standard:	GGT International v4.1
Screening Date:	26th November 2025
PHD URL:	https://www.globalgreentag.com/certificate/2752/

PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL ® & LEED ® Material Transparency & Optimization credits included below:
- Meets IWBI ® WELL ® v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 3); ; Feature 25 (Part 1) , and, meets IWBI ® WELL ® v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X01 (Part 1); X05 (Part 2); X06 (Part 2); X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED ® v4.0 and v4.1 Rating Tool Credit as Recognized for MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- Independent third party assessment for worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass.
See over for explanation.

ASSESSMENT:



Declared by:
Global GreenTag International Pty Ltd

David Baggs
CEO

Verified compliant with:
ISO 14024 & ISO 17065

1.0 Scope

The Global GreenTag International (GGT) Product Health Declaration (PHD) has been designed to provide an additional level of service to the green product sector in facilitating an easier understanding of both the hazard and risks associated with any certified products, and is intended to indicate:

- Chemical hazards of both finished product and unique ingredients to a minimum level of 100ppm for final product throughout the product life cycle (including any VOC or other gaseous emissions);
- An assessment of exposure or risk associated with ingredient handling, product use, and disposal in relation to established mitigation and management processes;

It is not intended to assess:

i. substances used or created during the manufacturing process unless they remain in the final product; or

ii. substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

GGT PHDs are only issued to products that have passed GGT Standards' certification requirements. The Level of Assessment (BronzeHEALTH, SilverHEALTH, GoldHEALTH or PlatinumHEALTH) of a PHD rating relates ONLY to a Human Health Toxicity Assessment and is declared separately and not equivalent to the overall Bronze, Silver Gold or Platinum GreenTag Certification Mark Tier Levels of LCARate.

1.2 Preparing a PHD

GGT PHDs are prepared in the format of a transparency document which utilizes Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Hazard Classifications are then risk assessed with a focus on the In Use stage for an outcome of Certification. Assessments are undertaken by GGT Qualified Exemplar Global Lead Auditors and subsequently accepted for Certification by the GGT Program Director (also a Qualified Exemplar Global Lead Auditor) under the International Standard v4.0/4.1, Personal Products Standard v1.0/1.1, or Cleaning Products Standard v1.1/1.2 and above Program Rules.

1.3 External Peer Review

Every GGT PHD is independently peer-reviewed by an external Consultant Toxicologist and Member of the Australasian College of Toxicology & Risk Assessment.

2.0 Declaration of Ingredients

Where a manufacturer wishes recognition under a rating program that requires transparency of ingredients, such as LEED ® v4.0 & v4.1, WELL ® v1.0 & v2.0, Green Star ®, the following information is declared from the audit:

Colour	Ingredient Hazard Disclosure
Green	Level 4 The hazard level of this ingredient indicates that the ingredient has no toxic hazard statements with no identified health effects.
Yellow	Level 3 The hazard level of this ingredient indicates that the ingredient is mildly toxic and/or has short/medium term reversible health effects.
Orange	Level 2 The hazard level of this ingredient indicates that the ingredient is moderately toxic and/or with a moderate health effects.
Red	Level 1 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects.
Black	Level 0 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects and is banned from being detectable above trace amounts in the final product.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.

Colour	Risk Assessment & In Use Health Assessment Outcome
Green	No Concerns The risk assessment outcomes for the hazard level and percentage of ingredient used in the product after risk assessment is considered highly unlikely and therefore without concerns.
Yellow	Human Health Comment The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low with an unlikely potential risk.
Orange	Issue of Concern or Issue of Concern Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to high with a higher than unlikely potential for risk.
Red	Red Light Comment or Red Light Comment Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to extremely high with a moderate potential for risk.
Dark Red	Red Light Exclusion The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered medium to extremely high with a likely potential for risk.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Level 0 Hazard Level categorised chemicals such as Substances of Very High Concern in the International Standard v4.0/v4.1 and/or Petroleum, Parabens plus a wide range of additional compounds stipulated by the Personal Products Standard v1.0/1.1 and Cleaning Products Standard v1.1/1.2

Global GreenTag International Pty Ltd (Global GreenTag) is not a medical professional organisation. Global GreenTag does not purport to provide medical advice, and makes no warranty, representation, or guarantee regarding the declaration that it provides in relation to any allergies, chemical sensitivities or any other medical condition, nor does Global GreenTag assume any liability whatsoever arising out of the application or use of any product or piece of equipment that has been chemically assessed by Global GreenTag.

The chemical assessments carried out provide transparent information peer reviewed by a consultant toxicologist regarding the chemical make-up and ingredients of certain materials and products, but such assessments are not to be taken as any form of medical assessment or health advice and are not targeted towards providing specific solutions to allergenic conditions or any other type of medical concerns.

Users must carry out their own investigations if they are concerned about specific medical conditions and the impact of certain products or ingredients in relation to specific medical concerns.

Global GreenTag takes no responsibility and is not liable in any way with respect to any medical or health issues arising from a person's use of materials or products that have been chemically assessed by Global GreenTag. Global GreenTag shall not be liable for any direct, indirect, punitive, incidental, special or consequential damages to property or life whatsoever, arising out of or connected with the use or misuse of any materials or products that have been assessed by Global GreenTag.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclosure	Risk Assess-ment	In Use Health Assessment	Comment
Calcium carbonate	471-34-1	70-85%	H315 (Skin Irri. 2), H318 (Eye Dam.1), H335 (STOT RE 3)	OK				Recycled Content: None Nanomaterials: No
Ethene, chloro-, ho-mopolymer	9002-86-2	30-50%	H319(Eye Irri. 2) H335 (STOT RE 3) H315(Skin Irri. 2)	OK				PVC casues skin and eye irritation in humans. However, the manufac-turer of the product operates under Environmental Management System and an Occupational Health and Safety System, therefore the risk is considered low. The risk from this substance is minimized as the result of it chemically combined with other substances in the final product. Therefore, it is not expected to casue harm to the users. Recycled Content: None Nanomaterials: No
Bis(2-ethylhexyl) tere-phthalate	6422-86-2	15-30%	H350 (Carc. 1B)	OK				Recycled Content: None Nanomaterials: No
Glass, oxide, chemicals	65997-17-3	1-5%	H317 (Skin Irrit 1), H413 (Aq Chronic 4), H335 (STOT RE 3)	OK				This substance may cause cancer. However, the manufacturer of the product operates under Environmen-tal Management System and an Oc-cupational Health and Safety System, therefore, the risk is considered low. The risk from this substance is min-imized as the result of it chemically combined with other substances in the final product. Therefore, it is not expected to cause harm to the end-users. Recycled Content: None Nanomaterials: No
2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate	25852-37-3	0.01-1%	H412 (Aq Chronic 3)	OK				Recycled Content: None Nanomaterials: No
Zinc distearate	557-05-1	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Calcium distearate	1592-23-0	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Carbon black	1333-86-4	1-5%	(IARC 2B)	OK				This substance is suspected of caus-ing cancer. However, the manufac-turer of the product operates under and Environmental Management System and an Occupational Health and Safety System, therefore the risk is considered low. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to casue harm to the users. Recycled Content: None Nanomaterials: No
TPU 2T	9087-79-0	1-5%	H315(Skin Irri. 2) H319(Eye Irri. 2) H335 (STOT RE 3)	OK				Recycled Content: None Nanomaterials: No
Trimethoxysilyl Modified Polyethylene	35312-82-4	1-5%	None	OK				Recycled Content: None Nanomaterials: No

Proprietary Substance	Covered by substance declaration	0.01-1%	None	OK				Recycled Content: None Nanomaterials: No
UV Coating								
Hexanedioic acid, polymer with 2,2-dimethyl-1,3-propanediol, 2-hydroxyethyl 2-propenoate and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane	70766-56-2	0.01-1%	None	OK				Recycled Content: None Nanomaterials: No
Pentaerythritol triacrylate	3524-68-3	0.01-1%	H317 (Skin Irrit 1) H315(Skin Irri. 2) H319(Eye Irri. 2)	OK				This substance causes serious eye damage, causes skin irritation and may cause an allergic skin reaction. However, the manufacturer of the product operates under and Environmental Management System and an Occupational Health and Safety System, therefore the risk is considered low. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to casue harm to the users. Recycled Content: None Nanomaterials: No
Hexamethylene diacrylate; hexane-1,6-diol diacrylate	13048-33-4	0.01-1%	H317 (Skin Irrit 1) H315(Skin Irri. 2) H319(Eye Irri. 2)	OK				This substance causes serious eye damage, causes skin irritation and may cause an allergic skin reaction. However, the manufacturer of the product operates under and Environmental Management System and an Occupational Health and Safety System, therefore the risk is considered low. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to casue harm to the users. Recycled Content: None Nanomaterials: No
Oxybis(methyl-2,1-ethanediyl) diacrylate	57472-68-1	0.01-1%	H317 (Skin Irrit 1) H315(Skin Irri. 2) H318(Eye Dam. 1)	OK				This substance causes serious eye damage, causes skin irritation and may cause an allergic skin reaction. However, the manufacturer of the product operates under and Environmental Management System and an Occupational Health and Safety System, therefore the risk is considered low. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to casue harm to the users. Recycled Content: None Nanomaterials: No
Methyl benzoylformate	15206-55-0	0.01-1%	H317 (Skin Irrit 1)	OK				This substance may cause an allergic skin reaction. However, the manufacturer of the product operates under and Environmental Management System and an Occupational Health and Safety System, therefore the risk is considered low. The substance is chemically combined into the final product, the hazards will not present in the final product. Therefore, it is not expected to casue harm to the users. Recycled Content: None Nanomaterials: No
Silicon dioxide	112926-00-8	0.01-1%	None	OK				Recycled Content: None Nanomaterials: No

Comments:
TVOC emission is less than 0.5 mg/m3 with evidence support of Eurofins Indoor Air Comfort GOLD test report.