GLOBAL GREEN TAG INTERNATIONAL PTY LTD

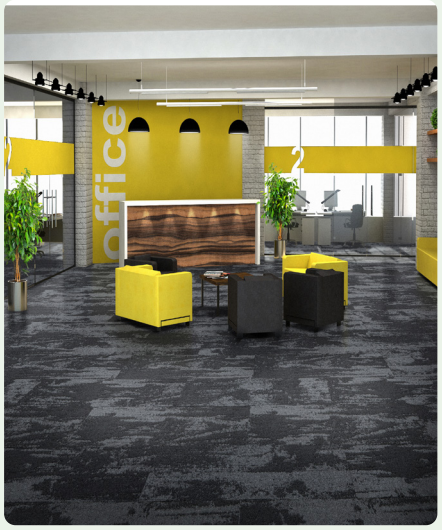
PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Belgotex

Solution Dyed Nylon Tufted Bitumen-Backed Carpet Tile (Landform)

Solution Dyed Nylon Tufted Bitumen-Backed Carpet Tile (Landform) is a carpet tile that is available in an array of colors and design. The product range are used for home, office, retail, commercial, hospitality, high-spec health and education centres.



Products/Ranges:	Tufted Bitumen-Backed Carpet Tile
Product Stages Assessed:	Whole of life + In Use
Product Type:	Carpet Tile
CSI Masterformat:	096813
Licenced Site/s:	Pietermaritzburg, South Africa
Licence Number:	BEL:PI02:2026:PH
Licence Date:	2 April 2026
Valid To:	2 April 2027
Standard:	GGT International standard v4.1
Screening Date:	20 March 2026
PHD URL:	https://www.globalgreentag.co.za/certificate/2170/

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 11 (Part 1); Feature 25 (Part 2, 3) , 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); X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED® v4.0 and v4.1 Rating System MR Credit: "Building Product Disclosure and Optimisation - Material Ingredients" - Option 1: Material Ingredient Reporting and 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

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Solution Dyed Nylon SDN Master Batch								
Single Pigment Dispersion (SPD)								
ε-caprolactam	105-60-2	0.1-1 %	H332, H302, H335, H315, H319	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Proprietary	Dyed Nylon	0.1-1%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
PA 6 Nylon								
Polyamide 6	25038-54-4	0.01-1%	H319, H315, H413	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Natural UV Stabiliser								
Polyamide 6	25038-54-4	0.01-1%	H319, H315, H413	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
1,6-Hexanediamine, N,N'-Bis(2,2,6,6-Tetramethyl-4-Piperidinyl)-, polymer with 2,4,6-Trichloro-1,3,5-Triazine, reaction products with 2,4,4-Trimethyl-2-Pentanamine	31570-04-4	0.01-1%	H412, H411, H319	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Proprietary	Stabiliser	0.01-1%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Solution Dyed Nylon Yarn								
Nylon SDN								

PA 6 (Nylon)	25038-54-4	60-70%	H319, H315, H413	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Spin Finish								
Potassium (Z)-N-methyl-N-(1-oxo-9-octadecenyl)aminoacetate	76622-74-7	0.01-1%	H400, H318, H315, H332	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Proprietary	Lubricant	0.1-1%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Primary Backing								
Polyethylene terephthalate	25038-59-9	1-5%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Proprietary	Mineral filler	0.01-1%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Latex Compound								
Latex								
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	9003-55-8	1-5%	H413, H361	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Proprietary	Solvent	1-5%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Water								
Water	7732-18-5	1-5%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Emulsifier								
Proprietary Substance	Dispersant	0.01-1%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Emulsifier								

Sulfuric acid, mono-C9-11-alkyl esters, sodium salts	84501-49-5	0.01-0.1%	H302, H318, H412, H315, H228, H332, H335	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Mineral Filler								
Calcium Carbonate	471-34-1	30-50%	H315, H319	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Magnesium Carbonate	546-93-0	1-5%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Proprietary substance	Filler	1-5%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Black pigment								
Carbon black	1333-86-4	0.01-1%	IARC 2B	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Proprietary Substance	pigment	0.01-1%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Thickener								
Benzene, ethenyl-, polymer with 1,3-butadiene	9003-55-8	0.01-0.1%	H412, H317, H319, H350, H340, H315, H335, H332	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Proprietary	Thickener	0.01-0.1%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Bitumen Compound								

Bitumen 50/70	Binder	5-15%	H413, H332, H312, H331, H311, H314, H319, H315, H350	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Mineral Filler								
Calcium carbonate	471-34-1	30-50%	H318, H335, H315	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Magnesium carbonate	546-93-0	1-5%	None	OK				There is no identifiable risk to end user. Recycled Content: Unknown Nano Materials: Unknown
Proprietary Substance	Covered by substance declaration	0.01-1%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown
Saso bit								
Paraffin waxes and Hydrocarbon waxes	8002-74-2	0.01-1%	None	OK				There is no identifiable risk to end user. Recycled Content: Unknown Nano Materials: Unknown
Secondary Backing								
Polyester backing								
Poly(oxy-1,2-eth-anediyloxycarbon-yl-1,4-phenylenecar-bonyl)	25038-59-9	5-15%	H413, H319	OK				While some risks may arise during the product manufacturing stage, they are largely mitigated in the finished product, as the ingredient becomes encapsulated within the final material structure. The manufacturer has ISO 45001 certification to ensure proper OHS process and policies while handling this ingredient. Recycled Content: Unknown Nano Materials: No
Proprietary	Filler	1-5%	None	OK				There is no identifiable risk to the end user. Recycled Content: Unknown Nanomaterials: Unknown

GHS Classification:
IARC3 : Not classifiable as to its carcinogenity to human
IARC2B : Possibly carcinogenic to human
H315 : Causes skin irritation
H318 : Causes serious eye damage
H319 : Causes serious eye irritation
H332 : Harmful if inhaled
H351 : Suspected of causing cancer
H400 : Very toxic to aquatic life
H411 : Toxic to aquatic life with long lasting effects
H412 : Harmful to aquatic life with long lasting effects

Comments:
VOC emissions meets Green Building Council Australia, Green Building Council South Africa and Global GreenTag Standard v4.1 requirement:
VOC content: TVOC ug/m2/hr for product applied on site is <0.5 ug/m2/hr measured using Test method ISO 10580. Sample tested in December 2023.