

PHD™

Product Health Declaration



Zhejiang Xingyue Carpet Industry Co. Ltd

Mooiflor nylon carpet with cushion backing

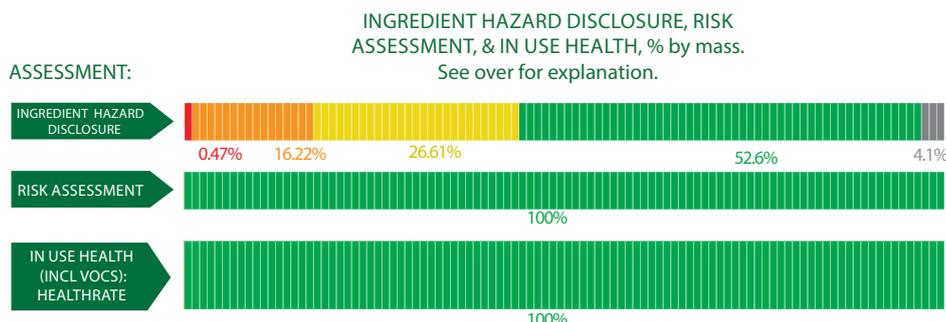
Mooiflor nylon carpet with cushion backing is a loop pile that is made of solution dyed nylons. The product is certified by the Indoor air quality testing program and meets the requirements of the Carpet and Rug Institute's Green Label Plus Program. Mooiflor nylon carpet with cushion backing is suitable for a range of commercial and residential applications.

Products/Ranges:	Mooiflor nylon carpet with cushion backing
Product Stages Assessed:	Whole of life + In-Use
Product Type:	Carpet
CSI Masterformat:	096813
Licenced Site/s:	Zhejiang, China
Licence Number:	ZXC:MF01:2024:PH
Licence Date:	5 March 2024
Valid To:	5 March 2026
Standard:	GGT International v4.0
Screening Date:	24 October 2023
PHD URL:	https://www.globalgreentag.com/certificate/1243/



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 1, 2, 3, 4, 5); Feature 11 (Part 1, 5); Feature 25 (Part 1, 2, 3, 4, 5) , 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, 2, 3); X05 (Part 1, 2); X06 (Part 1, 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.



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:

- substances used or created during the manufacturing process unless they remain in the final product; or
- 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 Green Tag 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 Assessment (Raw)	Whole Of Life Assessment	In Use Health Assessment	Comment
Material: Backing								
Polyethylene terephthalate (PET)	25038-59-9	15-30%	None	ok				Recycled Content: 100% Post-I Nanomaterials: No
Material: Face Fibre								
Nylon 6	24993-04-2	20-30%	H319 (Eye Irrit. 2)	ok				Recycled Content: 50% Post-I Nanomaterials: No
Nylon 6	24993-04-2	20-30%	H319 (Eye Irrit. 2)	ok				Recycled Content: 50% Post-C Nanomaterials: No
Proprietary	Spin finish	0.01-1%	H302 (Acute Tox. 4), H332 (Acute Tox. 4), H315 (Skin Irrit. 2), H319 (Eye Irrit. 2), H335 (STOT. 3)	ok				Recycled Content: None Nanomaterials: Unknown This substance as a raw ingredient can cause serious skin irritation if workers are exposed. The factory's OHS conditions and GGTI safety review indicate exposure is unlikely. The substance is encapsulated into the polymer; therefore it is unlikely to cause harm to the end-users.
Proprietary	Spin finish	0.01-1%	H412 (Aquatic Chronic 3)	ok				Recycled Content: Unknown Nanomaterials: Unknown
Proprietary	Spin finish	0.01-1%	H318 (Eye Dam. 1), H412 (Chronic Aquatic Tox. 2)	ok				Recycled Content: None Nanomaterials: Unknown The substance may cause eye damage if workers are exposed. The factory's OHS conditions and GGTI safety review indicate exposure is unlikely. The substance is encapsulated into the polymer; therefore it is unlikely to cause harm to the end-users.
Proprietary	Additive	0.01-1%	H302 (Acute Tox. 4), H319 (Eye Irrit. 2)	ok				Recycled Content: None Nanomaterials: Unknown The substance is harmful if swallowed and may cause eye damage if workers are exposed. The factory's OHS conditions and GGTI safety review indicate exposure is unlikely. The substance is encapsulated into the polymer; therefore it is unlikely to cause harm to the end-users.
Proprietary	Pigment	0.01-1%	H317 (Skin Sens. 1), H319 (Eye Irrit. 2), H411 (Aquatic Chronic 2)	ok				Recycled Content: None Nanomaterials: Unknown The substance may cause skin and eye irritation if workers are exposed. The factory's OHS conditions and GGTI safety review indicate exposure is unlikely. The substance is encapsulated into the polymer; therefore it is unlikely to cause harm to the end-users.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Assessment (Raw)	Whole Of Life Assessment	In Use Health Assessment	Comment
Proprietary	Pigment	0.01-1%	H319 (Eye Irrit. 2)	ok				Recycled Content: None Nanomaterials: Unknown The substance may cause eye irritation if workers are exposed. The factory's OHS conditions and GGTI safety review indicate exposure is unlikely. The substance is encapsulated into the polymer; therefore it is unlikely to cause harm to the end-users.
Proprietary	Pigment	0.01-1%	H317 (Skin Sens. 1), H412 (Aquatic Chronic 3)	ok				Recycled Content: None Nanomaterials: Unknown The substance may cause eye sensitization if workers are exposed. The factory's OHS conditions and GGTI safety review indicate exposure is unlikely. The substance is encapsulated into the polymer; therefore it is unlikely to cause harm to the end-users.
Proprietary	Additive	0.01-1%	*	ok				Recycled Content: None Nanomaterials: Unknown Unknown hazard covered by the substance declaration. It is unlikely to cause harm to the end-user.
Material: Secondary Backing								
Asphalt	8052-42-4	15-30%	None	ok				Recycled Content: None Nanomaterials: No
Material: Backing								
Calcium Carbonate	471-34-1	5-15%	None, H318 (Eye Dam.1), H335 (STOT SE 3), H315 (Skin Irrit. 2)	ok				Recycled Content: None Nanomaterials: Unknown Calcium carbonate even though has irritating characteristics, it is bound in the product. This ingredient is highly unlikely to cause harm to the end-user.
Material: Pre-coating								
Proprietary	Emulsion	0.01-1%	None	ok				Recycled Content: None Nanomaterials: Unknown Unknown hazard covered by the substance declaration. It is unlikely to cause harm to the end-user.
Material: Pre-coating								
Aluminium hydroxide	21645-51-2	1-5%	None	ok				Recycled Content: None Nanomaterials: Unknown
Material: No woven PET								
Polyethylene terephthalate (PET)	25038-59-9	1-5%	None	ok				Recycled Content: 100% Post-I Nanomaterials: No
Material: Pre-coating								
Calcium Carbonate	471-34-1	1-5%	None, H318 (Eye Dam.1), H335 (STOT SE 3), H315 (Skin Irrit. 2)	ok				Recycled Content: None Nanomaterials: Unknown Calcium carbonate even though has irritating characteristics, it is bound in the product. This ingredient is highly unlikely to cause harm to the end-user.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Assessment (Raw)	Whole Of Life Assessment	In Use Health Assessment	Comment
Material: Pre-coating								
Acetic acid ethenyl ester, polymer with ethene	24937-78-8	1-5%	None					Recycled Content: None Nanomaterials: Unknown
Vinyl acetate	108-05-4	0-1%	H225 (Flam. Liq. 2), H351 (Carc. 2), H332 (Acute Tox. 4), H335 (STOT SE 3)	ok				The substance has hazardous properties, however in the final product exposure via the critical pathway is not likely. Recycled Content: None Nanomaterials: Unknown
Proprietary	Additive	0-1%	None	ok				Recycled Content: None Nanomaterials: Unknown Unknown hazard covered by the substance declaration. It is unlikely to cause harm to the end-user.
Material: Pre-coating								
Latex dispersion	Dispersant	0.01-1%	None	ok				Recycled Content: None Nanomaterials: No
Water	Water	0.01-1%	None	ok				Recycled Content: None Nanomaterials: No
Proprietary	Additive	0-1%	None	ok				Recycled Content: Unknown Nanomaterials: Unknown Unknown hazard covered by the substance declaration. It is unlikely to cause harm to the end-user.
Material: Pre-coating								
2-Propenoic acid, homopolymer, sodium salt	Dispersant	0.01-1%	H315 (Skin Irrit. 2), H319 (Eye Irrit. 2)	ok				Risks associated with the use of this chemical is nonexistent after the precoating process. Therefore, it is unlikely that the ingredient will carry its property to the final product. Recycled Content: None Nanomaterials: No
Proprietary	Dispersant	0.01-1%	None	ok				Recycled Content: Unknown Nanomaterials: Unknown Unknown hazard covered by the substance declaration. It is unlikely to cause harm to the end-user.
Material: Additive in Pre-coating								
Xanthan Gum	11138-66-2	0-1%	H315 (Skin Irrit. 2), H319 (Eye Irrit. 2)	ok				Risks associated with the use of this chemical is nonexistent after the precoating process. Therefore, it is unlikely that the ingredient will carry its property to the final product. Recycled Content: None Nanomaterials: No
<p>Comments:</p> <p>VOC emissions: TVOC for the product does not exceed 0.5 mg/m3 as certified by Green Label Plus™. Global GreenTag International Program Standard v4.0 Carpet and Floor Coverings Supplementary Standard in accordance with requirements of the Green Building Council of Australia, New Zealand Green Building Council and LEED v4, as updated from time to time.</p>								