GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Woven Image

Echopanel® (Plain and Precision Cut)

Woven Image's EchoPanel® (Plain and Precision Cut) is manufactured from non-woven PET (Polyethylene Terephthalate). Echopanel products are fire resistant with a Group 1 rating as per ISO 9705:2003 and has good colour retention properties.

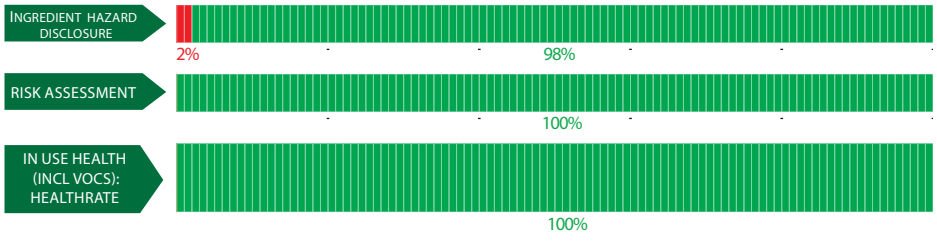
Products/Ranges:	EchoPanel® (plain) 9mm, 12mm, 24mm
Product Stages Assessed:	Whole of life +re-use potential
Product Type:	Textile
CSI Masterformat:	09 84 13 Fixed Sound-Absorptive
Licenced Site/s:	Ingleburn, NSW; Villawood, NSW
Licence Number:	WOV:EM03:2024:PH
Licence Date:	23 July 2021
Valid To:	20 April 2027
Standard:	GGT International v4.1
Screening Date:	21 May 2024
PHD URL:	www.globalgreentag.com/certificate/2714

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 5); Feature 11 (Part1); Feature 25 (Part 2, 3, 4) , and, meets IWBI ® WELL™ v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X05 (Part 1); 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.
- Highly unlikely worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

ASSESSMENT:

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



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 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

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH	Ingredient Assess-ment	Whole Of Life Assessment	In Use Health Assessment	Comment
Dope dyed recycled PET fibre								
Polyester	25038-59-9	50-70%	*	OK				Recycled Content: None Nanomaterials: Unkown
Red pigment	4948-15-6	0- 3 %	*	OK				Recycled Content: None Nanomaterials: Unkown
Titanium dioxide	13463-67-7	0.01-1%	H351 (IARC 2B)	OK				Recycled Content: None Nanomaterials: Unkown Titanium dioxide may cause cancer if contacted. However, the manu-facturer of the products operates an occupational health and safety system. Therefore the risks are considered low at the manufacturing stage. The substance is embedded into the final product, the hazards will not be present in the final product. Therefore, it is not expected to cause harm to the users.
Black Pigment	1333-86-4	0 -3 %	IARC 2B	OK				The routes of exposure to risks are via dermal contact and inhalation. The manufacturer has implemented an appropriate occupational health and safety system. The substance is encapsulated in the final product. The exposure to risks for end users is low.
Yellow pigment	14059-33-7	0 -3 %	H373 (STOT RE 2)	OK				Recycled Content: None Nanomaterials: Unkown The substance may cause dam-age to organs through prolonged or repeated exposure. However, the manufacturer of the products operates an occupational health and safety system. Therefore the risks are considered low at the manufacturing stage. The substance is embedded into the final product, the hazards will not be present in the final product. Therefore, it is not expected to cause harm to the users.
Green pigment	1328-53-6	0 -1 %	*	OK				Recycled Content: None Nanomaterials: Unkown
Blue pigment	147-14-8	0 -1 %	*	OK				Recycled Content: None Nanomaterials: Unkown
Low melt virgin PET								
Polyester	25038-59-9	15-30%	*	OK				Recycled Content: None Nanomaterials: None
Polymer	Proprietary	15-30%	*	OK				Recycled Content: None Nanomaterials: None
Finish oil	Proprietary	0.01-1%	*	OK				Recycled Content: None Nanomaterials: None
Ethlyeneglycol antimony	Proprietary	<0.01%	H302, H332, H411	OK				Recycled Content: None Nano Materials: None

* No GHS H-Statement classification

Comments:
VOC emissions: Global GreenTag International Program Standard v4.1. Formaldehyde Content Supplementary Standard in accordance with requirements of the Green Building Council of Australia and LEEDv4, as updated from time to time.
VOC content:
Echo Panel (60% recycled): TVOC Emissions of 0.033 mg/m3 for product applied on site is <0.5 mg/m3 measured using test method for California Specification CA 01350 "Stan-dard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2:2017" at FORAY Laboratories - NATA Accreditation 1231. Test approved by CETEC on 18th March 2024.

Echo Panel (80%recycled): TVOC Emissions of 0.010 mg/m3 for product applied on site is <0.5 mg/m3 measured using test method for California Specification CA 01350 "Stan-dard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2:2017" at FORAY Laboratories - NATA Accreditation 1231. Test approved by CETEC on 6th November 2023.