GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Vertilux Corporation Pty Ltd
Madison Two

Madison Two™ is a room darkening fabric constructed for use in internal blind systems where full light block-out is required. It meets fire safety and low-VOC emission requirements and is available in multiple widths. Tested in accordance with AS 1530.2 and AS 1530.3 for flammability, and ASTM D5116 for VOC emissions.

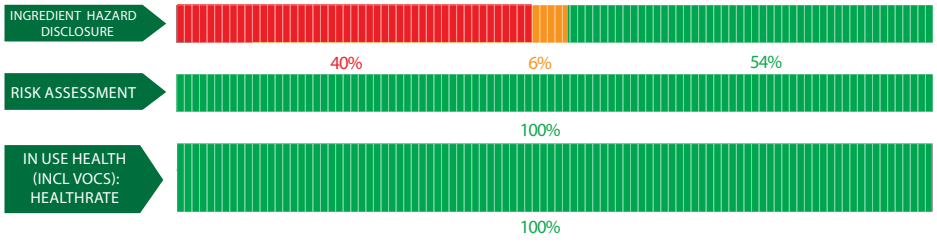
Products/Ranges:	Madison Two (all color and size)
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Blinds
CSI Masterformat:	12 21 26
Licenced Site/s:	Jawa Barat, Indonesia
Licence Number:	VER:MD01:2025:PH
Licence Date:	13th June 2025
Valid To:	13th June 2026
Standard:	GGT International v4.1
Screening Date:	13th May 2025
PHD URL:	www.globalgreentag.com/certificate/2959

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.

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 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 Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Material: 1st & 2nd & 3rd foam layer								
Titanium dioxide	13463-67-7	1-5%	IARC 2B, H351 (Inhalation)	OK				This substance may cause skin and eye irritation. Inhalation of dust, particularly ultrafine particles, may lead to respiratory discomfort. Risks are managed during manufacturing through OHS procedures, including ventilation and dust control. In the final product, titanium dioxide is bound in the matrix and does not pose a significant health risk. Recycled Content: Unknown Nanomaterials: No
Butanoic acid, 4-amino-4-oxosulfo-, N-tallow alkyl derivs., disodium salts	68988-69-2	1-5%	H319, H315, None, H412, H318	OK				This substance may cause skin and eye irritation. Inhalation of dust may lead to respiratory discomfort. Risks are managed during manufacturing through OHS procedures, including containment and air quality controls. In the final cured product, the substance is embedded in the material matrix and does not pose a significant health risk. Recycled Content: Unknown Nanomaterials: No
Methanol	67-56-1	0.01-1%	H225 , H331 , H311 , H301 , H370 **	OK				This substance is flammable and may cause irritation to the skin, eyes, and respiratory system. Inhalation or ingestion of methanol can be toxic. Risks are managed during manufacturing through OHS protocols, including appropriate storage, handling, and ventilation systems. Methanol is not present in the final product in free form and does not pose a significant health risk under normal use conditions. Recycled Content: Unknown Nanomaterials: No
Proprietary Substance	back coating	30-50%	None	OK				Substance Declaration does not pose specific risks under normal use. No H-statements apply.
Material: Sillicone paste coat and Top coat								
Acrylic emulsion	Coating	1-5%	None	OK				Substance Declaration does not pose specific risks under normal use. No H-statements apply.
Sillicone emulsion	Coating	1-5%	None	OK				Substance Declaration does not pose specific risks under normal use. No H-statements apply.
Alcohols, C16-18 and C18-unsatd., ethoxylated	68920-66-1	0.01-1%	H411, H315	OK				This substance may cause skin and eye irritation. Inhalation of vapour or mist may cause respiratory discomfort. Risks are managed during manufacturing through OHS procedures, in the final product, this substance is either consumed during processing or bound within the matrix, posing no significant health risk under normal use conditions. Recycled Content: Unknown Nanomaterials: No
water	7732-18-5	5-15%	None	OK				This substance does not pose any known health risks and is non-hazardous under normal use conditions. Recycled Content: Unknown Nanomaterials: No

ammonia ....%	1336-21-6	0.01-1%	H314 , H400	OK				This substance may cause skin and eye irritation, and inhalation of vapours can result in respiratory irritation. Risks are managed during manufacturing through OHS measures such as closed systems and local exhaust ventilation. In the final product, ammonium hydroxide is either reacted or evaporated off, and does not pose a significant health risk under normal use conditions. Recycled Content: Unknown Nanomaterials: No
Material: Polyester Fabric								
Isophthalic acid terephthalic acid ethylene glycol polymer	24938-04-3	30-50%	None	OK				This substance may cause skin and eye irritation in liquid form. Inhalation of vapour or mist may lead to mild respiratory discomfort. Risks are managed during manufacturing through OHS procedures, including ventilation and safe handling practices. In the final cured product, the polymer is fully reacted and bound in the matrix, and does not pose a significant health risk under normal use conditions. Recycled Content: Unknown Nanomaterials: No
Proprietary Substance	Preservative	0.01-1%	None	OK				Substance Declaration does not pose specific risks under normal use. No H-statements apply.

* No GHS H-Statement classification

Comments:
Other relevant information as necessary