GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

Screenwood
Modulo® MR

Modulo® MR are prefinished and assembled walls and ceiling panels that are made in Australia. They are acoustically rated and have Group 3 fire test compliant in accordance with AS ISO 9705:2003 (R2016) and AS 5637.1:2015. These panels are available in various finishes.

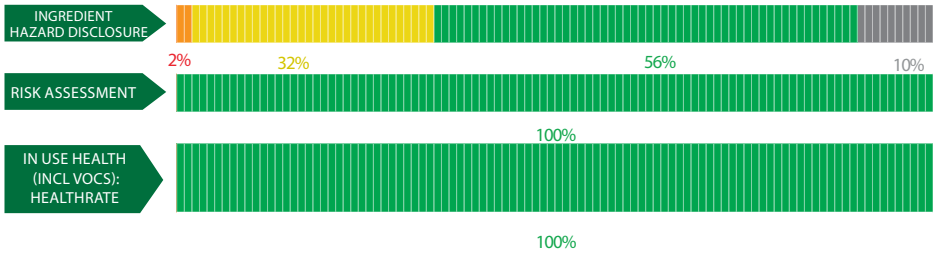
Products/Ranges:	Modulo® MR
Product Stages Assessed:	Whole of life, manufacturing, in-use
CSI Masterformat:	09 78 00
Licenced Site/s:	Kirrawee, NSW, Australia
Licence Number:	SCR:KI03:2025:PH
Licence Date:	17th September 2021
Valid To:	17th September 2026
Standard:	GGT International standard v4.1
Screening Date:	11th April 2025
PHD URL:	https://www.globalgreentag.com/certificate/2167/

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 25 (Part 2) , and, meets IWBI ® WELL ® v2.0 as Recognized for X07 (Parts 1); X08 (Part 2); as a Compliant Technical Document (Audited) for X05 (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.

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	Ingredient Assess-ment	Whole Of Life Assessment	In Use Health Assessment	Comment
Trade Essential Craftwood							
Wood	Wood	50-75%	None				The wood supplier is FSC certified. The wood treatment during manufacturing stage can cause respiratory irritation to factory workers. The supplier has OHS process and policies in place to mitigate this hazard. The wood in it's final end use stage is a finished product and is chemically inert, and non-hazardous to end user. Recycled Content: None Nanomaterials: no
Melamine formaldehyde (MF) resin	25036-13-9	10-30%	H319				If exposed to the eyes, the melamine-formaldehyde resin could cause serious eye irritation. Both manufacturer and supplier have OHS in place. The material is non-hazarduous to end user. Recycled Content: None Nanomaterials: no
Parrafin Wax	8002-74-2	1-2%	H319				If exposed to the eyes, the parrafin wax could cause serious eye irritation. Both manufacturer and supplier have OHS in place. The material is Non-Hazarduous to end user. Recycled Content: None Nanomaterials: no
Formaldehyde	50-00-0	< 0.1%	IARC1, H311, H301 H317 H314 H331 H351 H318 H341 H350 H330 H335				If exposed to the skin, eyes, and respiratory system, Formaldehyde can cause harm and allergic reaction to the skin and eyes. It is also toxic if inhaled, may cause cancer, and is suspected of causing genetic defects. This substance is bound inside the MDF during manufacturing and only exists in a very low amount. It is unlikely that the worker is exposed to the hazard. Both manufacturer and supplier have OHS in place. The material is Non-Hazarduous to end user. Recycled Content: None Nanomaterials: no
Customwood MDF (either Trade Essential Craftwood or Customwood MDF is used for the panel part)							
Paraffin Wax	8002-74-2	1-2%	H319				If exposed to the eyes, the Parrafin wax could cause serious eye irritation. Both manufacturer and supplier have OHS in place. The material is Non-Hazarduous to end user. Recycled Content: None Nanomaterials: no
Softwood(s)	Wood	50-75%	None				The wood supplier is COC certified. The material is non-hazarduous to end user. Recycled Content: None Nanomaterials: no
Moisture (Water)	7732-18-5	10-20%	None				There is no identifiable risk to the end user. Recycled Content: None Nanomaterials: no

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assess-ment	Whole Of Life Assessment	In Use Health Assessment	Comment
Melamine formaldehyde (MF) resin	25036-13-9	10-15%	H319				If exposed to the eyes, the melamine-formaldehyde resin could cause serious eye irritation. Both manufacturer and supplier have OHS in place. The material is non-haz-arduous to end user. Recycled Content: None Nanomaterials: no
Formaldehyde	57-13-6	< 0.1%	IARC1, H311 H301, H317, H314 H331, H351, H318, H341, H350, H330, H335				If exposed to the skin, eyes, and respiratory system, Formaldehyde can cause harm and allergic reaction to the skin, eyes, and respiratory system. It may cause cancer and is suspected of causing genetic defects. This substance is bound inside the MDF during manufacturing and only exists in a very low amount. It is unlikely that the worker is exposed to the hazard. Both manufacturer and supplier have OHS in place. The material is non-haz-arduous to end user. Recycled Content: None Nanomaterials: no
Non-PVC olefin surface film							
Non-PVC olefin surface film	Outer Cover	5-10%	None				There is no identifiable risk to the end user. Recycled Content: None Nanomaterials: no
Adhesive							
Diphenylmeth-ane-4,4'-diisocy-anate	101-68-8	0-0.1%	H334, H351, H373, H332, H315, H319, H317, H335				If exposed to the skin, eyes, and respiratory system, The substance may cause allergy or asthma symp-toms, skin irritation, eye irritation, respiratory irritation, and damage to the organ. It is also suspected of causing cancer. However, the concentration of the substance in the final product is very low, and it is unlikely that the end-user is exposed to this substance. The adhesive is applied inside and covered by the outer sheet, and therefore, it is not exposed to the end-user. The manufacturer and supplier have OHS In place, and PPE is required during the manufacturing process. The material is non-hazarduous to end user. Recycled Content: None Nanomaterials: no
Remaining substances	Adhesives	0-1%	None				There is no identifiable risk to the end user. Recycled Content: None Nanomaterials: no

GHS Classification:
H301: Acute Toxicity 3 (Oral)
H311: Acute Toxicity 3 (Dermal)
H314: Skin corrosion/irritation 1
H315: Skin Irritation 2
H317: Skin Sensitization 1
H318: Eye irritation 1
H319: Eye Irritation 2A
H330: Acute Toxicity 2 (Inhalation)

H331: Acute Toxicity 3 (Inhalation)
H332: Acute Toxicity 4 (Inhalation)
H334: Respiratory Senzitization 1
H335: Specific Target Organ Toxicity, Single Exposure 3
H341: Germ cell mutagenicity 2
H350: Carcinogenicity 1
H351: Carcinogenicity 2
H373: Specific Target Organ Toxicity, Repeated Exposure 2
H413: Aquatic Toxicity 4

Comments:

The product was called Modulo Panels before, and now changed to Modulo Group 3.
VOC and Formaldehyde emissions: Meet Green Building Council of Australia Standard & Greenstar standard requirement.
Test Method: ASTM D5116-2017 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products".
TVOC emission rate of 0.402 mg/m2/hr
Formaldehyde Emission Rate of 0.045 mg/m2/hr