

PHD™

Product Health Declaration



EGR Decor TruNatur MDF Panels

TruNatur is a premium polymer veneer-faced panel that incorporates nanosized technology and antibacterial properties, offering a high-performance alternative to timber veneer. It is ideal for cabinet doors and panels in luxury kitchens and bathrooms, furniture, wardrobes, shelving, feature wall panels, bespoke joinery, and other interior architectural feature applications. TruNatur is highly resistant to scratching, staining, chemicals, and UV light, ensuring lasting durability, aesthetic appeal, and functionality for your projects.

Products/Ranges:	TruNatur MDF Panels
Product Stages Assessed:	Whole of life + In-Use
Product Type:	Decorated MDF Panel - Joinery, Furniture
CSI Masterformat:	06 42 00 Plastic-Laminate-Faced Wood Panels
Licenced Site/s:	Brisbane AUS
Licence Number:	ERG:SL02:2023:PH
Licence Date:	18th December 2023
Valid To:	18th December 2026
Standard:	GGT International v4.0
Screening Date:	17th February 2023
PHD URL:	www.globalgreentag.com/certificate/2522



PHD Summary

Percentage Assessed: **100%**

Inventory Threshold:

100ppm Product Level

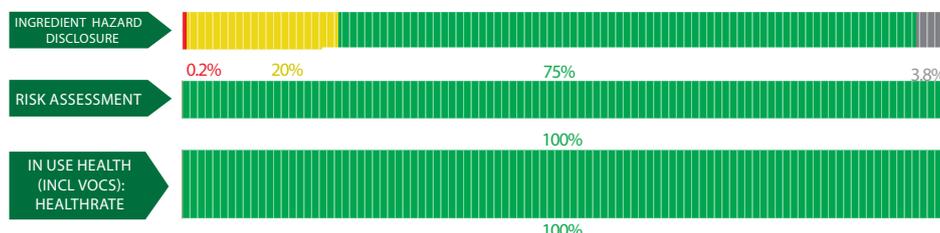
Inventory Method:

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 11 (Part 1); Feature 25 (Part 1, 2) , 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 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:

- 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	Whole Of Life Assessment	In Use Health Assessment	Comment
Material: MDF (option 1)								
Wood Fibers	Emulsifier	>80%	IARC Group 1 (wood dust)	OK				Inhaled wood fiber can cause lung cancer under long term occupational exposure. The manufacture has occupational health and safety and environmental management systems are thus exposure is very unlikely. During installation, sawing, cutting, sanding, grinding of wood products may generate sawdust. Wearing appropriate personal protective equipment is recommended to reduce risk during these operations. During normal use, the product has no identifiable hazards. Recycled Content: None Nanomaterials: No
Urea Formaldehyde Resin	9011-05-6	10-20%	None	OK				Workplace health and safety procedures are in place during the manufacturing phase of the MDF boards. This resin is embedded, cured and covered in protective film in the final product which reduces exposure Recycled Content: No Nanomaterials: No
Melamine Urea Formaldehyde Resin	25036-13-9	10-20%	H226 (Flam Liq. 3) H319 (Eye Irrit.2)	OK				Workplace health and safety procedures are in place during the manufacturing phase of the MDF boards. This resin is embedded, cured and covered in protective film in the final product which limits exposure. Recycled Content: No Nanomaterials: No
Paraffin Wax	8002-74-2	0.1-1%	None	OK				There are no identifiable risks for this substance during the manufacturing phase or normal use. Recycled Content: No Nanomaterials: No
Formaldehyde (Free)	50-00-0	<0.1%	IARC Group 1 (carcinogenic to humans) H301 (Acute Tox. 2) H311 (Acute Tox. 3) H314 (Skin Corr. 1B) H317 (Skin Sens. 1) H331 (Acute Tox.3) H341 (Muta. 2) H350 (Carc. 1B)	OK				Workplace health and safety procedures are in place during the manufacturing phase of the MDF boards. This substance is embedded, and cured in the final product which reduces exposure. Recycled Content: No Nanomaterials: No
Material: MDF (option 2)								
Wood Fibers	Emulsifier	>80%	IARC Group 1 (wood dust)	OK				Inhaled wood fiber can cause lung cancer under long term occupational exposure. The manufacture has occupational health and safety and environmental management systems are thus exposure is very unlikely. During installation, sawing, cutting, sanding, grinding of wood products may generate sawdust. Wearing appropriate personal protective equipment is recommended to reduce risk during these operations. During normal use, the product has no identifiable hazards. Recycled Content: None Nanomaterials: No
Melamine Urea Formaldehyde Resin	25036-13-9	10-20%	H226 (Flam Liq. 3) H319 (Eye Irrit.2)	OK				Workplace health and safety procedures are in place during the manufacturing phase of the MDF boards. This resin is embedded and cured and covered in protective film in the final product which limits exposure. Recycled Content: No Nanomaterials: No
Paper	Filler	1-5%	None	OK				There are no identifiable risks for this substance during the manufacturing phase or normal use. Recycled Content: No Nanomaterials: No
Urea	57-13-6	0.1-1%	None	OK				There are no identifiable risks for this substance during the manufacturing phase or normal use. Recycled Content: No Nanomaterials: No

Malamine Formaldehyde Resin	Binder	0.1-1%	None	OK				There are no identifiable risks for this substance during the manufacturing phase or normal use. Recycled Content: No Nanomaterials: No
Water	Dilutant	<0.1%	None	OK				There are no identifiable risks for this substance during the manufacturing phase or normal use. Recycled Content: No Nanomaterials: No
Material: Decorative Layer								
Proprietary	Polymer	0.01-0.1%	None Declared	OK				There are no declared hazards for this substance. Recycled Content: No Nanomaterials: No
Material: Adhesive								
Proprietary	Solvent	0.01-0.1%	None Declared	OK				There are no identifiable risks for this substance during the manufacturing phase or normal use. Recycled Content: No Nanomaterials: No

* No GHS H-Statement classification
WHS: Workplace Health and Safety

Comments:
TVOC Emissions: Total VOC (TVOC) emissions testing was conducted 14 December 2022 by SGS, an ISO17025 certified laboratory, using the ASTM D7706-11 test method. TVOC was found to be 1.2 mg/m²/hr.

Formaldehyde Emissions: Formaldehyde emissions were tested on the 15 December 2023 by Timber Testing Center, a NATA accredited laboratory, to AS/NZS 1859.2:2017 Fiberboard standard with use of testing procedure AS/NZS 4266.1 S17. Formaldehyde emissions were found to be 0.09 mg/L (± 0.01) which is within the requirements for E0 (<0.5mg/L).