GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified
PLATINUM HEALTH
HealthRate™

ZBOM HOME COLLECTION CO.,LTD

Kitchen Cabinet and Wardrobe

These products are manufactured from E0 particleboard. The kitchen cabinet includes integrated storage components with adjustable hanging modules. the wardrobe incorporates open and enclosed storage areas, with upper and lower sections designed for organized storage of clothing and personal items. A sliding mirrored door provides both reflective and concealed storage functions. These products are intended for indoor applications, including residential, hospitality, and apartment settings.

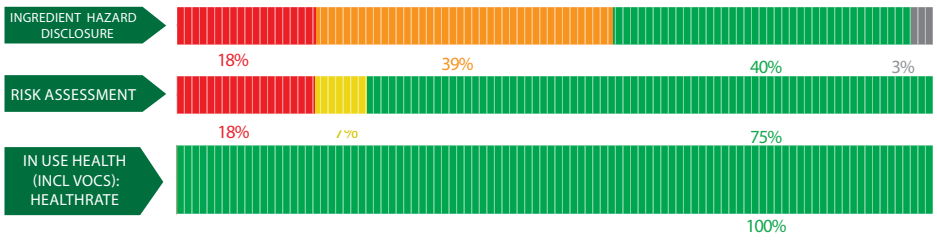
Products/Ranges:	Kitchen Cabinet and Wardrobe
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Furniture
CSI Masterformat:	TBC
Licenced Site/s:	Anhui, China
Licence Number:	ZBO:AH01:2026:PH
Licence Date:	10th June 2026
Valid To:	10th June 2027
Standard:	GGT International v4.1
Screening Date:	20th May 2026
PHD URL:	https://www.globalgreentag.com/certificate/3141/

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 (Part 1); Feature 25 (Part 2) , and, meets IWBI ° WELL ° v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ 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 GreenTag 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
Poplar miscellaneous wood	FSC certified wood	70-85%	None	OK				Recycled Content:None Nanomaterials: No
Wood fiber (pine wood)	FSC certified wood	70-85%	None	OK				Recycled Content:None Nanomaterials: No
Urea, polymer with formaldehyde	9011-05-6	5-15%	H317 (Skin Irrit 1) H335 (STOT RE 3) H319 (Eye Irrit. 2) H315 (Skin Irrit. 2)	OK				This substance causes serious eye irritation, skin irritation. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
Formaldehyde	50-00-0	5-15%	H350 (Carc. 1B) H341 (Muta. 2) H331 (Acute Tox. 3) H311 (Acute Tox. 3) H301 (Acute Tox. 3) H314 (Skin Corr. 1B) H317 (Skin Sens. 1)	OK				This substance is toxic if swallowed, is toxic in contact with skin, causes severe skin burns and eye damage, is toxic if inhaled, may cause cancer, is suspected of causing genetic defects and may cause an allergic skin reaction. However, formadehyde is bonded together with formaldehyde-based adhesives and it offgases over time. Additonally, the test result shows the formaldehyde emission is significantly under the benchmark limit of 0.1mg/m2/hr. Therefore, its not exposed to the end users. Recycled Content:None Nanomaterials: No
Urea	57-13-6	5-15%	None	OK				Recycled Content:None Nanomaterials: No
Melamine	108-78-1	0.01-1%	H351 (Carc. 2) H373 (STOT RE 2)	OK				Melamine exposure is mostly from ingestion but inhalation is also a pathway for occupational exposure. The manufacturer is ISO14001 and ISO45001 certified and they have management system in place to prevent the malam So the probability of exposure risk is considered very low. Recycled Content:None Nanomaterials: No
Proprietary Substance	Covered by substance declaration	0.01-1%	None	OK				Recycled Content:None Nanomaterials: No
Paraffin waxes (petroleum), hydrotreated	64742-51-4	1-5%	None	OK				Recycled Content:None Nanomaterials: No
Isocyanic acid, polymethylenepolyphenylene ester	9016-87-9	1-5%	H332 (Acute Tox. 4(inhalation)	OK				This substance is harmful if inhaled. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
Water	7732-18-5	5-15%	None	OK				ReRecycled Content:None Nanomaterials: No
Ammonium chloride	12125-02-9	1-5%	H302 (Acute Tox. 4) H319 (Eye Irrit. 2)	OK				This substance causes serious eye irritation and harmful if swallowed. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No

Ethene, chloro-, homopolymer	9002-86-2	1-5%	(IARC 3)	OK				Recycled Content:None Nanomaterials: No
Polypropylene	9003-07-0	1-5%	(IARC 3)	OK				Recycled Content:None Nanomaterials: No
Metal products	N/A	10-20%	None	OK				Recycled Content:None Nanomaterials: No
Glass	7631-86-9	5-15%	(IARC 3)	OK				Recycled Content:None Nanomaterials: No
o-(p-isocyanatobenzyl) phenyl isocyanate; diphenylmethane-2,4'-diisocyanate"	5873-54-1	0.01-1%	H351 (Carc. 2) H332 (Acute Tox. 4) H335 (STOT SE 3) H373 (STOT RE 2) H315 (Skin Irrit. 2) H339 (Eye Irrit. 2) H334 (Resp. Sens. 1) H317 (Skin Sens. 1)	OK				This substance causes serious eye and skin irritation and harmful if inhaled. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate	101-68-8	0.01-1%	H351 (Carc. 2) H332 (Acute Tox. 4) H335 (STOT SE 3) H373 (STOT RE 2) H315 (Skin Irrit. 2) H339 (Eye Irrit. 2) H334 (Resp. Sens. 1) H317 (Skin Sens. 1)	OK				This substance causes serious eye and skin irritation and harmful if inhaled. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
Silicon Dioxide	14639-89-5	5-15%	None	OK				Recycled Content:None Nanomaterials: No
Aluminium oxide	1344-28-1	1-5%	None	OK				Recycled Content:None Nanomaterials: No
Diiron trioxide	1309-37-1	0.01-1%	None	OK				Recycled Content:None Nanomaterials: No
Calcium oxide	1305-78-8	0.01-1%	None	OK				Recycled Content:None Nanomaterials: No
Magnesium oxide	1309-48-4	0.01-1%	None	OK				Recycled Content:None Nanomaterials: No
Dipotassium oxide	12136-45-7	0.01-1%	H318 (Eye Dam. 1) H314 (Skin Irrit. 1)	OK				This substance causes serious eye and severe skin burns. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
Disodium oxide	1313-59-3	0.01-1%	H314 (Skin Irrit. 1)	OK				This substance causes skin burns and eye damage. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
Rutile (TiO2)	1317-80-2	0.01-1%	None	OK				Recycled Content:None Nanomaterials: No
Manganese oxide	11129-60-5	0.01-1%	None	OK				Recycled Content:None Nanomaterials: No
Phosphorus pentoxide	1314-56-3	0.01-1%	H314 (Skin Irrit. 1)	OK				This substance causes skin burns and eye damage. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
Sulphur trioxide	7446-11-9	0.01-1%	H314 (Skin Irrit. 1) H335 (STOT SE 3 H318 (Eye Dam. 1)	OK				This substance causes skin burns, eye damage and may cause respiratory irritation. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No

Barium oxide, obtained by calcining witherite	1304-28-5	0.01-1%	H301 (Acute Tox. 3) H318 (Eye Dam. 1 H271 (Ox. Liq. 1) H314 (Skin Irrit. 1)	OK				This substance causes skin burns, eye damage and toxic if swallowed. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
zinc oxide	1314-13-2	0.01-1%	H400(Aquatic Acute 1) H410 (Aquatic Chronic 1)	OK				This substance is very toxic to aquatic life with long lasting effects. However, the manufacturer has ISO14001 and ISO 45001 in place. Therefore, its not exposed to the end user. Recycled Content:None Nanomaterials: No
Zirconium dioxide	1314-23-4	0.01-1%	None	OK				Recycled Content:None Nanomaterials: No
Chromium (III)	1308-38-9	0.01-1%	None	OK				Recycled Content:None Nanomaterials: No

Comments:

TVOC emission is less than 0.5mg/m3 with evidence support of product test report.