



<https://www.globalgreentag.com/certificate/3190>



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 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

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 Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Doped dyed recycled PET Fibre								
Polyester	25038-59-9	50-70%	None	OK				Recycled Content: Post consumer Nanomaterials: Unkown
Red pigment	4948-15-6	0-3 %	None	OK				Recycled Content: None Nanomaterials: Unkown
Titanium dioxide	13463-67-7	0.01-1%	H351 (IARC 2B)	OK				Titanium dioxide may cause cancer if contacted. 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. Recycled Content: None Nanomaterials: Unkown
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				The substance may cause damage 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. Recycled Content: None Nanomaterials: Unkown
Green pigment	1328-53-6	0-1 %	None	OK				Recycled Content: None Nanomaterials: Unkown
Blue pigment	147-14-8	0-1 %	None	OK				Recycled Content: None Nanomaterials: Unkown
Low melt virgin PET								
Polyester	25038-59-9	15-30%	None	OK				Recycled Content: None Nanomaterials: None
Polymer	Proprietary	15-30%	None	OK				Recycled Content: None Nanomaterials: None
Finish oil	Proprietary	0.01-1%	None	OK				Recycled Content: None Nanomaterials: None
Ethlyeneglycol antimony	Proprietary	<0.01%	H302, H332, H411	OK				Recycled Content: None Nano Materials: None
Lubricant	Proprietary	0.01-1%	None	OK				Recycled Content: None Nanomaterials: None
Carbon Black	1333-86-4	0.01-1%	None	OK				Recycled Content: None Nano Materials: None
Titanium dioxide	13463-67-7	0.01-1%	H351 (IARC 2B)	OK				Titanium dioxide may cause cancer if contacted. 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. Recycled Content: None Nanomaterials: Unkown
Printing Ink								

2-phenoxyethyl acrylate	48145-04-6	0.01-1%	H411, H361, H317	OK				The substance may cause skin or respiratory irritation. It is toxic to Aquatic Organisms. The manufacturer has EMS and OHS policies in place to reduce these risks during manufacturing stage. The substance in the final product is cured. In this stage, exposure to end users are unlikely. Recycled Content: None Nano Materials: Unknown
1-vinylhexahydro-2H-azepin-2-one	2235-00-9	0.01-1%	H302, H312, H319, H372, H317	OK				The substance may cause skin or eye irritation. It is toxic to humans if swallowed. The manufacturer has EMS and OHS policies in place to reduce these risks during manufacturing stage. The substance in the final product is cured. Once cured, the individual substance is chemically bound to the polymer. In this stage, exposure to end users are unlikely. Recycled Content: None Nano Materials: Unknown
(5-ethyl-1,3-dioxan-5-yl) methyl acrylate	66492-51-1	0.01-1%	H411, H315, H317	OK				The substance may cause skin irritation. It is toxic to humans to Aquatic organisms. The manufacturer has EMS and OHS policies in place to reduce these risks during manufacturing stage. The substance in the final product is cured. Once cured, the individual substance is chemically bound to the polymer. In this stage, exposure to end users are unlikely. Recycled Content: None Nano Materials: Unknown
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	5888-33-5	0.01-1%	H315	OK				The substance may cause skin irritation. The manufacturer has EMS and OHS policies in place to reduce these risks during manufacturing stage. The substance in the final product is cured. Once cured, the individual substance is chemically bound to the polymer. In this stage, exposure to end users are unlikely. Recycled Content: None Nano Materials: Unknown
4-(1-oxo-2-propenyl)-morpholine	5117-12-4	<0.01%	H302, H373, H318, H317	OK				The substance may cause skin or eye irritation. It is toxic to humans if swallowed. The manufacturer has EMS and OHS policies in place to reduce these risks during manufacturing stage. The substance in the final product is cured. Once cured, the individual substance is chemically bound to the polymer. In this stage, exposure to end users are unlikely. Recycled Content: None Nano Materials: Unknown

GHS H-Statement classification
H302 – Acute Toxicity, Category 4 (oral)
H373 – STOT RE, Category 2
H318 – Eye Damage, Category 1
H317 – Skin Sensitisation, Category 1
H411 – Aquatic Chronic, Category 2
H315 – Skin Irritation, Category 2
H312 – Acute Toxicity, Category 4 (dermal)
H319 – Eye Irritation, Category 2
H372 – STOT RE, Category 1
H361 – Reproductive Toxicity, Category 2
H332 – Acute Toxicity, Category 4 (inhalation)
H351 – Carcinogenicity, Category 2

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.

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 "Standard 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 "Standard 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.