GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

Global GreenTag CertTM Certified

PLATINUM HEALTH

HealthRate™

Peter Lewis Paints Pty Ltd

Peter Lewis Paints Natural Emulsion Eggshell

Peter Lewis Paints Natural Emulsion Eggshell is water-based wall coating. It is stain resistant and suitable for all interior walls including high traffic areas. It can be used on properly prepared and primed paper faced wallboard, cement and cement render, brick, interior timber, set plaster, fibrous plaster and previously painted surfaces. Extremely low VOC content, tested at 0.49 grams per litre VOC content using test method ISO 11890-2:202: Paints and Varnishes - Determination of volatile organic compound (VOC) content – Part 2: Gas-chromatographic method. ISO 11890-2. Natural Emulsion Eggshell is suitable for both residential and commercial use for interior and exterior surfaces on suitably prepared surfaces.

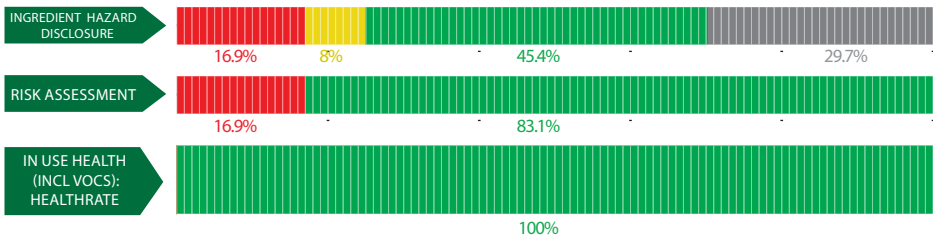
Products/Ranges:	Peter Lewis Paints Natural Emulsion Eggshell
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Paints
CSI Masterformat:	TBC
Licenced Site/s:	Sydney, Australia
Licence Number:	KPP:PL01:2024:PH
Licence Date:	26th August 2024
Valid To:	26th August 2025
Standard:	GGT International v4.0
Screening Date:	15th August 2024
PHD URL:	http://www.globalgreentag.com/certificate/2830/

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 Green Star ® 'Buildings v1.0' as Recognized for~ Credit 9: Responsible Finishes; as a Compliant Technical Document (Audited) for ~ Credit 13: Exposure to Toxins, and 'Design & As Built v1.3' and 'Interiors v1.3' ~ Indoor Pollutants.
- 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); 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 3); X06 (Part 1); 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 Assess-ment	In Use Health Assessment	Comment
Water								
Water	7732-18-5	15-30%	None	OK				Recycled Content: None Nanomaterials: No
Acticide MBS								
Proprietary Substance		0.01-1%	None	OK				Recycled Content: None Nanomaterials: No
Wetting and Dispering additive								
Proprietary Substance		1-5%	None	OK				Recycled Content: None Nanomaterials: No
Solvent Cleaning agent	Additive for paint	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Sodium Benzoate	532-32-1	0.01-1%	H319 (Eye Dam. 2A)	OK				This substance causes serious eye irritation. The product manufacturer has WH&S policy in place, so the risk is considered low at the manufacturing stage. Once applied, this ingredient will be incorporated in a hard and inert film and will not present a signifcant risk to the end-users. Recycled Content: None Nanomaterials: No
Defoamer	25322-64-9	0.01-1%	H302 (Acute Tox. 4)	OK				Recycled Content: None Nanomaterials: No
Propane-1,2-diol, prop-oxylated	25322-69-4	0.01-1%	None	OK				Recycled Content: None Nanomaterials: No
Pigment								
Titanium dioxide	13463-67-7	15-30%	H351 (Carc. 2)	OK				This substance is suspected of causing cancer. The product manufacturer has WH&S policy in place, so the risk is considered low at the manufacturing stage. Once applied, this ingredient will be incorporated in a hard and inert film and will not present a signifcant risk to the end-users. Recycled Content: None Nanomaterials: No
Filler								
Nepheline syenite	37244-96-5	5-15%	H335 (STOT SE 3)	OK				This substance may cause respiratory irritation. The product manufacturer has WH&S policy in place, so the risk is considered low at the manufacturing stage. Once applied, this ingredient will be incorporated in a hard and inert film and will not present a signifcant risk to the end-users. Recycled Content: None Nanomaterials: No
Proprietary Substance	Rheology modifier	0.01-1%	None	OK				Recycled Content: None Nanomaterials: No
Proprietary Substance	Resin for production of adhesive	30-50%	None	OK				Recycled Content: None Nanomaterials: No
Proprietary Substance	Modifier	0.01-1%	None	OK				Recycled Content: None Nanomaterials: No

Comments:
The VOC conent is 0.49g/L per material. All Bases is below VOC Content limit (16g/L)of chosen category specified by Green Star Design, Green Building Council of Austrlia. The test was done by NATA accredited Lab using testing method ISO11890-2:202 in March 2024.