GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PhD™ Product Health Declaration

GLOBAL GREENTAG HEALTH RATE
CERT TM
Platinum HEALTH
trust brands™

Vertilux Corporation Pty Ltd

EuroBloc™ Blind Fabrics

Room darkening blind. It is designed to meet stringent standards in light glare reduction and insulation from harmful UV rays, and has very low VOC emissions. EuroBloc™ has been developed to reduce its ecotoxicity and health impacts.

Products/Ranges:	EuroBloc™ Blind Fabrics
Product Stages Assessed:	In-use and manufacturing stage.
CSI Masterformat:	12 21 23 Roll-Down Blinds
Licenced Site/s:	Stammbach Germany
Licence Number:	VER:BL07:2018:PH
Licence Date:	24th June 2019
Valid To:	17th February 2024
Standard:	GGT International v4.0
Screening Date:	13th June 2018
PhD URL:	https://www.globalgreentag.com/getfile/10883/phd.pdf

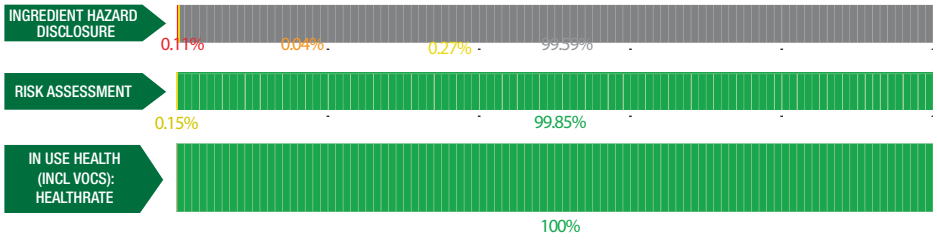
This PhD ceases currency when original GreenTag GreenRate/LCARate certification expires or is revoked. Please check www.globalgreentag.com for currency. Note disclaimer over.

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
- 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 25 (Part 1, 2, 3, 4), and, meets IWBI ® WELL™ v2.0 as Recognized for ~ X07: (Part 1, 3); X08: (Part 2); as a Compliant Technical Document (Audited) for ~ X05 (Part 1); X06: (Part 2); X08: (Part 1).
- Meets USGBC LEED® v4.0 and v4.1 Rating System MR Credit: "Building Product Disclosure and Optimisation - Material Ingredients" - Option 1: Material Ingredient Reporting and Option 2 - International ACP - REACH Optimisation.
- Highly unlikely worker, user, and environmental exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass.

ASSESSMENT:



Declared by:
Global GreenTag International Pty Ltd

David Baggs
CEO & Program Director
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 risk 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 each homogeneous ingredient 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) rating relates ONLY to GGT Standard Sustainability Assessment Criteria 3, and is declared separately to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels.

1.2 Preparing an PHD

GGT PhDs are prepared using Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and as an outcome of a successful Application for 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 GGT International Standard v4.0, Personal Products Standard v1.0, and Cleaning Products Standard v1.0 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 Australian 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, Living Building Challenge, Estidama etc., the following information is declared from audit:

Colour	Ingredient Name
Green	**Ideal- Low** No Comment required
Yellow	**Medium to Low** No Comment, or 'Issue of Concern' required depending on % of ingredient.
Orange	**Moderate** 'Issue of Concern' or 'Red Light' Comment depending on % of ingredient. Limit 10%
Red	**Problematic (Red): Target for Phase** 'Issue of Concern' or 'Red Light' Comment depending on % of ingredient. Strict Upper Limit of 1%
Grey	**Uncategorised** Not able to be categorised due to lack of toxicity impact information.
Black	**Banned Ingredients** POPs, SVHCs plus a wide range of compounds depending on specific Standard requirements

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assess-ment (Raw)	Whole Of Life Assess-ment	In Use Health Assess-ment	Comment
Trevira CS polyester fibre							
Proprietary composition	Inherent-ly flame retardant polyester based fibre	40-50%	None declared				Recycled Content: Unknown Nanomaterials: Unknown
Modified polymer							
Proprietary composition	Coating	45-55%	None declared				Recycled Content: Unknown Nanomaterials: Unknown

White pigment dispersion							
Mineral pigment	White pigment	0-2%	IARC 2b				The white pigment is classified as possibly carcinogenic to humans. However, this relates to inhalation and will not be a risk for an end user as the pigment is encapsulated in the polymer matrix of the coating in the finished product. Recycled Content: Unknown Nanomaterials: Unknown
Mineral filler	Filler	0-2%	None				Recycled Content: Unknown Nanomaterials: Unknown
Organic solvent	Solvent	0-2%	None				Recycled Content: Unknown Nanomaterials: No
Metal oxide	Unknown	0-2%	None				Recycled Content: Unknown Nanomaterials: Unknown
Remaining	Unknown	0-2%	None declared				Recycled Content: Unknown Nanomaterials: Unknown
Black pigment dispersion							
Proprietary mixture	Black pigment dispersion	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Textile auxiliary							
Proprietary mixture	Textile auxiliary	0-1%	Skin Irrit 2 Eye Irrit 2				Recycled Content: Unknown Nanomaterials: Unknown
Additive	Textile auxiliary	0-0.25%	Eye Irrit 2				Recycled Content: Unknown Nanomaterials: Unknown
Textile auxiliary							
Proprietary mixture	Textile auxiliary	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Additive	Textile auxiliary	0-0.25%	Asp Tox 1				As the finished product coating is solid, there is no risk of aspiration of the chemical for an end user. Recycled Content: Unknown Nanomaterials: Unknown
Binder for coating							
Proprietary mixture	Binder	0-0.5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Organic solvent	Solvent	0-0.05%	STOT SE3				The organic solvent may cause drowsiness or dizziness. However, this is not a risk in the finished product, as the finished product contains very low amounts of this substance. Furthermore, the product has been tested as low VOC emissions. Recycled Content: Unknown Nanomaterials: Unknown
Organic solvent	Solvent	0-0.05%	Acute Tox 4 Acute Tox 4 Eye Itrrit 2				The organic solvent may be harmful by inhalation. However, this is not a risk in the finished product, as the finished product contains very low amounts of this substance. Furthermore, the product has been tested as low VOC emissions. Recycled Content: Unknown Nanomaterials: Unknown

Comments:
VOC emissions: Below 0.5 mg/m2/hr based on ASTM D5116 test method
VOC content: Not applicable