



Vertilux Corporation Pty Ltd

Metalo® Metallised Transparent Blind Fabric

Metallised transparent blind fabric, enabling clear visibility through the fabric. It is designed to meet stringent standards in light glare reduction and insulation from harmful UV rays, and has very low VOC emissions.

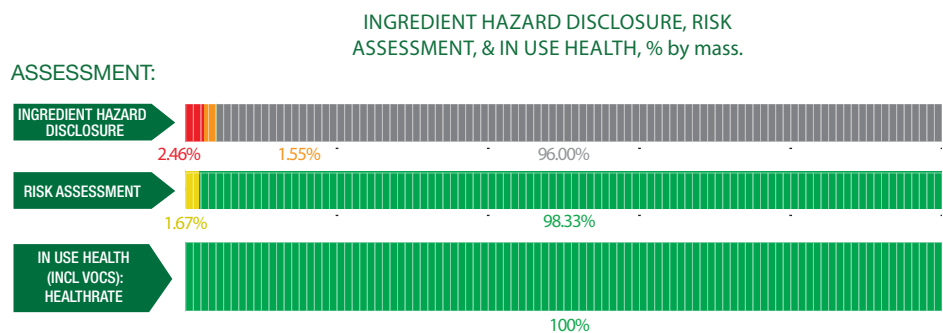
Products/Ranges:	Metalo® Metallised Transparent Blind Fabric
Product Stages Assessed:	In-use and manufacturing stage.
CSI Masterformat:	12 21 23 Roll-Down Blinds
Licenced Site/s:	Stammbach Germany
Licence Number:	VER:BL07:2018:PH
Licence Date:	24th June 2019
Valid To:	17th February 2023
Standard:	GGT International v4.0
Screening Date:	13th June 2018
PhD URL:	https://www.globalgreentag.com/getfile/12848/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
- Meets Indoor Air Quality VOC emission requirements for Green Star
- Meets WELL™ Building Standard: Feature 04: VOC Reduction Part 5: Furniture and Furnishings
- Very low worker exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- Very low user exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- Very low environmental exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors



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:

- 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) 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

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	Ingredient Assessment (Raw)	Whole Of Life Assessment	In Use Health Assessment	Comment
Trevira CS polyester fibre							
Proprietary composition	Inherent-ly flame retardant polyester based fibre	90-95%	None declared				Recycled Content: Unknown Nanomaterials: Unknown
Modified polymer							
Proprietary composition	Coating	2-5%	None declared				Recycled Content: Unknown Nanomaterials: Unknown

Dyestuff							
Proprietary dye	Dyestuff ingredient	0-4%	Skin Sens 1B				Potential risks associated with some of the dyestuff used in the product have been assessed. The risk in the finished product under normal use is low. Recycled Content: Unknown Nanomaterials: Unknown
Proprietary composition	Dyestuff ingredient	0-4%	None				Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Remaining substances	Dyestuff ingredient	0-2.5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Confidential	Dyestuff ingredient	0-0.5%	Aquatic Chronic 3				Potential risks associated with some of the dyestuff used in the product have been assessed. The risk in the finished product under normal use is low. Recycled Content: Unknown Nanomaterials: Unknown
Confidential	Dyestuff ingredient	0-0.1%	Aquatic Chronic 3				Recycled Content: Unknown Nanomaterials: Unknown
Confidential	Dyestuff ingredient	0-0.05%	Eye Dam 1 Skin Irrit 2 Skin Sens 1 Aquatic chronic 2				Potential risks associated with some of the dyestuff used in the product have been assessed. The risk in the finished product under normal use is very low. Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Proprietary composition	Dyestuff	0-2.5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Proprietary composition	Dyestuff	0-2%	None				Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Proprietary composition	Dyestuff	0-1.5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Proprietary composition	Dyestuff	0-1.5%	Skin Sens 1B Aquatic Chronic 1				Potential risks associated with some of the dyestuff used in the product have been assessed. The risk in the finished product under normal use is very low. Recycled Content: Unknown Nanomaterials: Unknown
Aluminium							
Aluminium	Reflective coat	0-1%	None declared				Recycled Content: Unknown Nanomaterials: No
Dyestuff							
Proprietary composition	Dyestuff	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Proprietary composition	Dyestuff	0-1%	Skin Sens. 1B				Potential risks associated with some of the dyestuff used in the product have been assessed. The risk in the finished product under normal use is very low. Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Proprietary composition	Dyestuff	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Proprietary composition	Dyestuff	0-0.5%	None				Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							

Proprietary composition	Dyestuff	0-0.3%	Aquatic chronic 4				Potential risks associated with some of the dyestuff used in the product have been assessed. The risk in the finished product under normal use is very low. Recycled Content: Unknown Nanomaterials: Unknown
Dyestuff							
Proprietary composition	Dyestuff	0-0.2%	Aquatic chronic 4				Potential risks associated with some of the dyestuff used in the product have been assessed. The risk in the finished product under normal use is very low. Recycled Content: Unknown Nanomaterials: Unknown

Comments:

VOC emissions: Below 0.5 mg/m2/hr based on ASTM D5116 test method

VOC content: Not applicable

The product comes in various colours achieved by mixing the listed dyestuff at variable proportions.