GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PhD™ Product Health Declaration

GLOBAL GREENTAG HEALTH RATE
CERT TM
Platinum HEALTH
trust brands™

Autex Industries Ltd / Autex Pty Ltd

Quietspace® Panel

Quietspace® Panel is a low VOC Polyester acoustic insulation. It is lightweight, easy to install and suitable for new builds and retrofits. It is also designed as a sound absorbing solution for wall, ceiling and suspended applications.

Products/Ranges:	Quietspace® Panel
Product Stages Assessed:	Raw materials, manufacturing, in use
CSI Masterformat:	09 84 13 Fixed Sound-Absorptive Panels
Licenced Site/s:	Auckland, New Zealand & Melbourne, VIC
Licence Number:	AUT-014-v3-2016-PHD
Licence Date:	23 January 2018
Valid To:	29 November 2019
Standard:	GGT International v4.0
Screening Date:	23 January 2018
PhD URL:	https://www.globalgreentag.com/wp-content/uploads/2017/11/190730_AUT_Quietspace_panel_PHD_v3.pdf

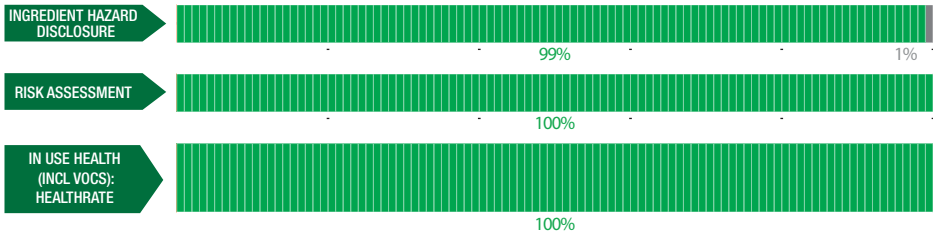
This PhD ceases currency when original GreenTag GreenRate/LCARate certification expires or is revoked. Please check www.globalgreentag.com for currency. Note disclaimer over.

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
- Contributes towards satisfying Feature 04 VOC Reduction Part 4 Insulation, Feature 25 Toxic Material Reduction Part 2 Flame Retardant Limitation, Feature 26 Enhanced Material Safety Part 1 Precautionary Material Selection, and Feature 97 Material Transparency Part 1 Material Information, under the WELL Building Standard™ v1.0
- Contributes towards satisfying X11 Long-Term Emission Control Part 2 Manage Flooring and Insulation Emissions, X13 Enhanced Material Precaution Part 1 Select Optimised Materials, X14 Material Transparency Part 1 Promote Ingredient Disclosure, under the WELL Building Standard™ v2.0
- No worker exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- No user exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- No 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 Assessment (Raw)	Whole Of Life Assessment	In Use Health Assessment	Comment
Material 1: Virgin PET Low Melt Fiber							
Virgin Polyethylene Terephthalate (PET)	Low Melt Fiber	20-40%	None				Recycled Content: No Nanomaterials: No
Material 2: Post-Consumer Recycled PET							
PET	Nonwoven Fiber	20-30%	None				Recycled Content: Post-Consumer Nanomaterials: No
Pigments	Pigments	0-5%	Acute tox. 4, Eye Irrit. 2/2A, Spec				Pigment is bounded in the product, it is not expected to cause harm for the users. Recycled Content: Unknown Nanomaterials: Unknown

Additives	To smooth and up-grade fiber buikiness	0-5%	Eye irrit. 2/2A, STOT 3, Skin Irrit.2				Unknown additive is used, the hazard presented in the in-use phase is only Level 3, it is not expected to pose harm to the majority of users. Recycled Content: Unknown Nanomaterials: Unknown
Material 3: Recycled PET Staple Fiber							
PET	Nonwoven Fiber	10-20%	None				Recycled Content: Post-Consumer Nanomaterials: No
Remaining sub-stances	Unknown	0-5%	None				Unknown substance is used, howev-er as no hazard is declared, it is not expected to impose harm to users. Recycled Content: Unknown Nanomaterials: Unknown
Material 4: Post-Consumer recycled PET							
PET	Nonwoven Fiber	5-15%	None				Recycled Content: Post-Consumer Nanomaterials: No
Remaining sub-stances	Unknown	0-5%	None				Unknown substance is used, howev-er as no hazard is declared, it is not expected to impose harm to users. Recycled Content: Unknown Nanomaterials: Unknown
Material 5: Colored PET stapble/ recycled PET bottle							
PET	Nonwoven Fiber	5-15%	None				Recycled Content: Post-Consumer Nanomaterials: No
Remaining sub-stances	Unknown	0-5%	None				Unknown substance is used, howev-er as no hazard is declared, it is not expected to be harmful to users. Recycled Content: Unknown Nanomaterials: Unknown
Material 6: Powder Adhesive							
Polyethylene	Adhesive	0-5%	IARC Cat. 3				The hazard of IARC Cat. 3 is for the monomer of polyethylene, which is not expected to stay in the product. Also, as it is only level 3 hazard, it is not expected to be harmful to users. Recycled Content: Unknown Nanomaterials: No
Remaining sub-stances	Unknown	0-5%	None				Unknown substance is used, howev-er as there isno hazard declared, it is not expected to be harmful to users. Recycled Content: Unknown Nanomaterials: Unknown
Process Chemical: Lubricant							
Ethoxylated amides	Emulsifier	0-1%	Eye Dam Cat. 1				Lubricant is used in the manufactur-ing process and it is not present in the final product Therefore, it is not expected to be harmful to users. Recycled Content: Unknown Nanomaterials: Unknown
Remaining sub-stances	Unknown	0-1%	None				Unknown substance is used, howev-er as there is no hazard declared, it is not expected to be harmful to users. Recycled Content: Unknown Nanomaterials: Unknown

Comments:
VOC emission: CETEC ASTM D5116m emission below 0.5 mg/m²/hr, criteria set by Green Building Council of Australia.
VOC content: not applicable

Material 5: Colored PET Stapble/recycled PET bottle is an alternative for Material 4: Post Consumer Recycled PET.