



Autex Industries Ltd / Autex Pty Ltd
Vertiface®

Vertiface® is a low VOC Polyester acoustic insulation. It is lightweight, easy to install and suitable for new builds and retrofits. It is also a moisture resistant wall fabric.

| | |
|---------------------------------|---|
| Products/Ranges: | Vertiface® |
| 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-009-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_Vertiface_PHD_v3.pdf |



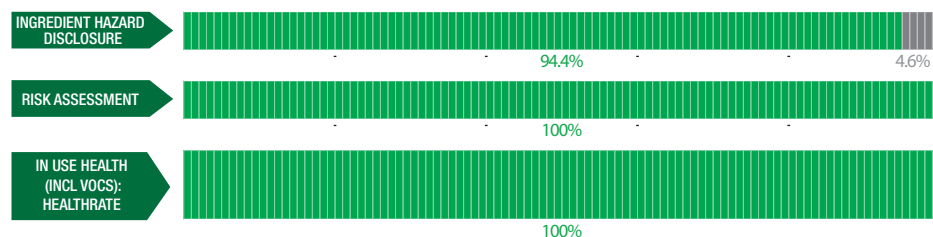
This PhD ceases currency when original GreenTag GreenRate/LCARate certification expires or is revoked. Please check www.globalgreentag.com for currency. [Note disclaimer over.](#)

| | | |
|----------------------------------|-----------------------------|--------------------------|
| 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:

- 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 |
|---|------------------------|--------------------------------|--------------------------------|-----------------------------|--------------------------|--------------------------|---|
| Material 1: Post-Consumer recycled PET | | | | | | | |
| PET | Nonwoven Fiber | 75-95% | None | | | | Recycled Content: Post-Consumer Nanomaterials: No |
| Remaining substances | Unknown | 0-5% | None | | | | Unknown substance is used, however as no hazard is declared, it is not expected to impose harm to users. Recycled Content: Unknown Nanomaterials: Unknown |
| Material 2: Colored PET staple/ recycled PET bottle | | | | | | | |
| PET | Nonwoven Fiber | 75-95% | None | | | | Recycled Content: Post-Consumer Nanomaterials: No |

| | | | | | | | |
|---|----------------|-------|----------------|---|---|---|--|
| Remaining substances | Unknown | 0-5% | None |  |  |  | Unknown substance is used, however as no hazard is declared, it is not expected to be harmful to users. Recycled Content: Unknown Nanomaterials: Unknown |
| Material 3: Virgin PET Low Melt Fiber | | | | | | | |
| Virgin Polyethylene Terephthalate (PET) | Low Melt Fiber | 0-10% | None |  |  |  | Recycled Content: No Nanomaterials: No |
| Process Chemical: Lubricant | | | | | | | |
| Ethoxylated amides | Emulsifier | 0-1% | Eye Dam Cat. 1 |  |  |  | Lubricant is used in the manufacturing 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 substances | Unknown | 0-1% | None |  |  |  | Unknown substance is used, however 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 2: Colored PET Staple/recycled PET bottle is an alternative for Material 1:Post Consumer Recycled PET.