



Laytoncorp Pty Ltd  
**Enviro Hide by EmTech**

Enviro Hide by EmTech is a game-changing material that is a real alternative to leather. Enviro Hide is a fully circular product that is made from recycled leather products. It eliminates the linear economy where more and more products end up in landfills and are harmful to the environment. Enviro Hide uses 90% less water than leather production. It is 20% stronger than split leather and it passes all chemical tests around the Australian Government's mandate on the use of harmful chemicals in manufacturing.

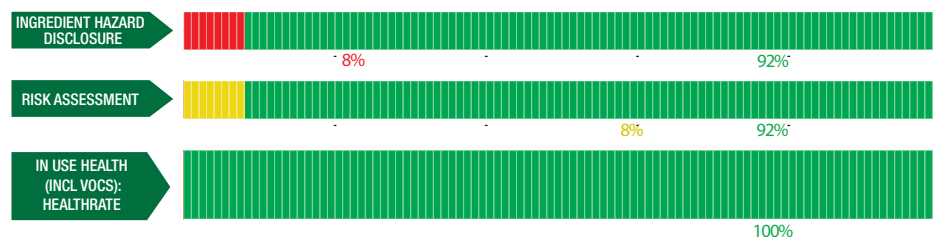
**Products/Ranges:** Enviro Hide by EmTech  
**Product Stages Assessed:** Whole of life +re-use potential  
**Product Type:** Coating Material (Recycled Leather)  
**CSI Masterformat:** 12 50 00 (Furniture)  
**Licensed Site/s:** NSW, Australia  
**Licence Number:** LAY:LA01:2022:PH  
**Licence Date:** 14th March 2022  
**Valid To:** 14th March 2023  
**Standard:** GGT International v4.0  
**Screening Date:** 14th March 2022  
**PHD URL:** <https://www.globalgreentag.com/getfile/13020/cert.pdf>



<b>PHD Summary</b>	<b>Inventory Threshold:</b>	<b>Inventory Method:</b>
Percentage Assessed: <b>100%</b>	100ppm Product Level	Nested Materials

- ✔ GreenTag Banned List Compliant.
- ✔ Meets "Green Cleaning" requirements for Green Star.
- ✔ Product Meets Optimisation requirements - No Grey or Red Light category ingredient.
- ✔ Meets Green Star Buildings v1.0 Credit 9: Responsible Finishes.
- ✔ Meets WELL™ v1.0 Feature 11 Fundamental Material Safety, Feature 25 Toxic Material Reduction, Feature 26 Enhanced Material Safety and Features 97 Material Transparency, and, WELL™ v2.0 Features – X07: Material
- ✔ Meets WELL™ v2.0 Precondition Material Restrictions (Part 1), Features X05 Enhanced Material Restrictions (Part 1), X07 Material Transparency (Part 1, 2, 3), X08 Material Optimisation (Part 1&2).
- ✔ 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.
- ✔ No worker, user, and environmental exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

**ASSESSMENT:**



INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass. See over for explanation.

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 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) 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 Personal Products Standard v1.0/1.1, and 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 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 & v4.1, WELL v1 & v2, Living Building Challenge, Estidama etc., the following information is declared from audit:

Colour	Ingredient Name
Green	<b>Ideal- Low</b> No concerns- ingredient safe at any level based on current known science, % of the ingredient, and relevance to use context'
Yellow	<b>Medium to Low</b> Hazardous Ingredient with minor level of "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context'
Orange	<b>Moderate</b> Hazardous ingredient with "Issue of Concern" or "Issue of Concern Minimised" depending on % of the ingredient, hazard level, and relevance to use context'
Red	<b>Problematic (Red): Target for Phase</b> Hazardous ingredient with 'Red Light" or "Red Light Minimised" concern depending on % of the ingredient, hazard level, and relevance to use context'
Dark Red	<b>Very Problematic (Dark Red): Target for Phase</b> Very Hazardous ingredient with 'Red Light Exclusion" concern depending on % of the ingredient, hazard level, and relevance to use context'
Grey	<b>Uncategorised</b> Not able to be categorised due to lack of toxicity impact information.
Black	<b>Banned Ingredients</b> Petroleum, Parabens plus a wide range of compounds stipulated by cleaning/personal products standards.

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	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
100% recycled leather scraps: top grain, split								
100% recycled leather scraps: top grain, split	Leather part	50-70	None	OK				The material is not hazardous. It is made from Post-Consumer recycled Leather. Recycled Content: Post-Consumer Nanomaterials: unknown
Polyester fiber								
Polyester	25038-59-9	10-15	None	OK				The material is Not hazardous Recycled Content: None Nanomaterials: Unknown
Water-base PU Film								
Waterborne Polyurethane	68400-67-9	5-10	None	OK				The material is Not hazardous Recycled Content: None Nanomaterials: Unknown
Polydimethylsiloxane	9011-19-2	5-10	None	OK				The material is Not hazardous Recycled Content: None Nanomaterials: Unknown
Deionized Water	7732-18-5	5-10	None	OK				The material is Not hazardous Recycled Content: None Nanomaterials: Unknown
PU adhesive								
Methyl Ethyl Ketone	78-93-3	5-10	H225, H319, H336	OK				The substance can cause eye irritation and drowsiness. Manufacturer OHS in Place Recycled Content: None Nanomaterials: Unknown
Toluene	108-88-3	5-10	IARC3, H304, H225, H315, H373, H361d, H336	OK				The substance is not classifiable as to its carcinogenicity to human. The substance may be fatal if swallowed, may cause skin irritation, may cause damage to organ through prolonged exposure, suspected of damaging fertility or the unborn child, and may cause drowsiness Manufacturer and Supplier have OHS in Place Recycled Content: None Nanomaterials: Unknown
Acetone	67-64-1	5-10	H319, H225, H336	OK				The substance can cause eye irritation and drowsiness. Manufacturer and Supplier have OHS in Place

GHS Classification & IARC Statement:

H225 : Flammable liquids 2 (Highly flammable liquid and vapour)

H304 : Aspiration hazard 1 (May be fatal if swallowed and enters airways)

H315 : Skin irritation 2 (Causes skin irritation)

H319 : Eye irritation 2A (Causes serious eye irritation)

H336 : Specific target organ toxicity, single exposure; Narcotic effects 3 (May cause drowsiness or dizziness)

H373 : Specific target organ toxicity, repeated exposure 2 (May cause damage to organs through prolonged or repeated exposure)

H361d: Reproductive toxicity 2 (Suspected of damaging fertility or the unborn child)

IARC3: Not classifiable as to its carcinogenicity to human