

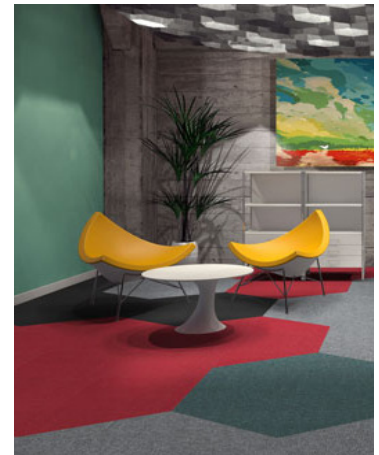


Belgotex

Structured Needlepunch Commercial Carpet

Structured Needlepunch Commercial Carpet is a solution dyed polypropylene Needlepunch commercial carpet in an array of colors and designs.

Products/Ranges:	Structured Needlepunch Commercial Carpet
Product Stages Assessed:	Manufacturing and in-use
CSI Masterformat:	096816
Licensed Site/s:	Pietermaritzburg, South Africa
Licence Number:	BEL-002-v1-2019
Licence Date:	28th August 2019
Valid To:	28th August 2020
Standard:	GGT International v4.0
Screening Date:	29th October 2019
PHD URL:	https://www.globalgreentag.co.za/products/structured-needlepunch-commercial-carpet/



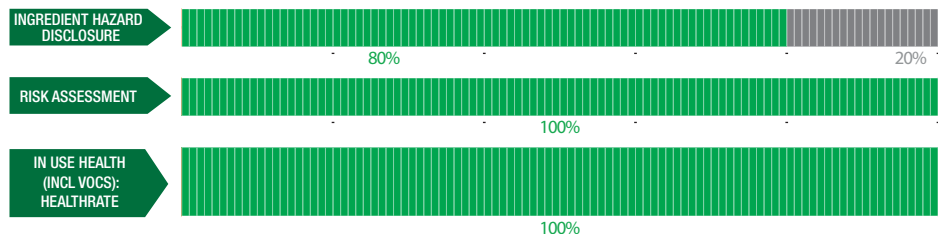
This PHD ceases currency when original GreenTag GreenRate/LCARate certification expires or is revoked. Please check www.globalgreentag.com for currency. [Note disclaimer over.](#)

PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant
- Meets WELL™ Building Standard: Feature 04 VOC Reduction Part 3: Flooring, X10 Volatile Compound Reduction
- Meets WELL™ Building Standard: Feature 11 Fundamental Material Safety Part 1c and 5b
- Meets WELL™ Building Standard: Feature 25: Toxic Material Reduction
- Meets WELL™ Building Standard: Feature 26 Part 1: Precautionary Material Selection, X13 Enhanced Material Precaution 1
- Meets WELL™ Building Standard: Feature 97: Material Transparency, Feature X14: Material Transparency Part 1
- 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: Yarn							
Polypropylene	9003-07-0	50-60%	IARC 3				Recycled Content: Yes Nanomaterials: Yes
Declaration	Additive	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Declaration	Finish	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Material: Precoat							
Declaration	Latex	10-20%	None				Recycled Content: Unknown Nanomaterials: Unknown
Material: Resin							

Emulsion Styrene/ butadiene	9003-55-8	0-5%	IARC3				The occupants can be exposed to the VOC emissions from the emulsion styrene-butadiene rubber. The final product has passed the low VOC test. Hence, it is not expected to be harmful to the end users based on current scientific evidence. Recycled Content: None Nanomaterials: Yes
Declaration	Latex	0-1%	None				Recycled Content: Unknown Nanomaterials: Unknown
Water	7732-18-5	5-10%	None				Recycled Content: None Nanomaterials: None

Comments:

VOC emissions: Global GreenTag International Program Standard v4.0 Carpet and Floor Coverings Supplementary Standard in accordance with requirements of the Green Building Council of Australia, Green Building Council South Africa and LEED v4, as updated from time to time.

VOC content: TVOC mg/m2/hr for product is <0.5 mg/m2/hr measured using Test method ASTM D5116 "Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products". Sample tested in November 2009 at FORAY Laboratories - ISO 17025 Accredited. Test approved by CETEC.