



Weseler Teppich GmbH & Co. KG

tretford Cord Carpet Roll

Waterford's tretford® Cord Carpet Roll is a durable 2 metre wide roll carpet manufactured in Ireland. The product's face fibre comprises of 80% goat hair and is bonded to a 100% undyed, jute backing. This hard wearing product is suitable for all work spaces and residential environments and is easy to lay and versatile.

Products/Ranges: tretford Cord Carpet Roll
Product Stages Assessed: Whole of life +re-use potential

CSI Masterformat: 09 68 13

Licenced Site/s: Waterford, Ireland
Licence Number: WAT:CP01:2021:PH
Licence Date: 12th January 2022
Valid To: 12th January 2025
Standard: GGT International v4.0
Screening Date: 10th November 2023

PHD URL: https://www.globalgreentag.com/getfile/12972/phd.pdf



PHD Summary

Percentage Assessed: 100%

Inventory Threshold: 100ppm Product Level

Inventory Method: Nested Materials

GreenTag Banned List Compliant

HEALTHRATE

GreenTag PHD recognized by WELL™ & LEED ® Material Transparency & Optimization credits included below:

Meets Green Star [®] 'Buildings v1.0' ~ Credit 9: Responsible Finishes; Credit 13: Exposure to Toxins, and, meets 'Design & As Built v1.3' and 'Interiors v1.3' ~ Indoor Pollutants.

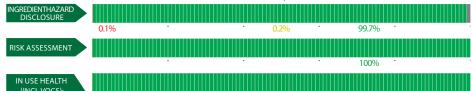
Meets IWBI ® WELL™ v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 3); Feature 11 (Part 1); Feature 25 (Part 2), and, meets IWBI ® WELL™ v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X01 (Part 1); X06 (Part 2); X07 (Part 2); X08 (Part 1).

Meets USGBC LEED® v4.0 and v4.1 Rating Tool Credit, MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.

Highly unlikely worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

100%

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 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 a 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 concerns- Ingredient safe at any level based on current known science, % of the ingredient, and relevance to use context.
Yellow	Medium to Low Hazardous Ingredient with minor level of "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context.
Orange	Moderate Hazardous Ingredient with "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context.
Red	Problematic (Red): Target for Phase Hazardous Ingredient with 'Red Light" Concern depending on % of the ingredient, hazard level, and relevance to use context.
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.



ngredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess- ment	In Use Health Assessment	Comment
Dyed Goat Hair							
Goat hair	Natural Fiber	20-30%	None				It is a natural fiber and no hazard identified. Recycled Content: None Nanomaterials: unknown
NOTES: All dyes used in var	rious range of the	carpet is listed b	oelow. Amount o	of total dyes use	ed for this pro	oduct is 0.24 % o	of the product weight.
Teconyl Black N-ME							
Teconyl Black N-ME	Dyes	0.2- 0.3%	None				No hazard identified. Recycled Content: None
Tolon Phys CCL 04							Nanomaterials: unknown
Telon Blue GGL 04							In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.
Sodium Carbonate	497-19-8	0.2- 0.3%	H319				During manufacturing, direct contact with the substance can cause eye irritation.
		0.5%					Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified.
							Recycled Content: None Nanomaterials: unknown
			H302,				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.
Remaining substance	Proprietary	0.1- 0.3%	H317, H332, H410, H412			_	During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environ- ment
							Recycled Content: None Nanomaterials: unknown
Telon Yellow ARB							Null of full states and full states are full states and full states and full states are full s
		0.2					Comment for HealthRate assessment
Telon Yellow ARB	Dyes	0.2- 0.3%	None				Recycled Content: None Nanomaterials: unknown
Solophenyl Blue FGLE							Nullonaterials, unknown
							In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.
White mineral oil (petroleum)	8042-47-5	0.01- 0.1%	H304				During manufacturing, the substance may- be fatal if swallowed and inhaled,
petioleani		0.170					Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified.
							Recycled Content: None Nanomaterials: unknown
							In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.
Sodium Carbonate	497-19-8	0.01-	H319				During manufacturing, direct contact with the substance can cause eye irritation.
							Recycled Content: None Nanomaterials: unknown



ngredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess- ment	In Use Health Assessment	Comment
Remaining substance	Proprietary	0.1- 0.2%	H302, H317, H332, H410, H412	_	_	_	In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None
Solophenyl Blue TLE							Nanomaterials: unknown
Sodium Carbonate	497-19-8	0.2- 0.3%	Н319	_	_		In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, direct contact with the substance can cause eye irritation. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Turbantin Yellow							, and a second control of the second control
C.I. Direct Yellow 44	497-19-8	0.2- 0.3%	H302, H317, H332, H410, H412		_		In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Teconyl_Red L-3BL 200%							
Acid Red 57	12217- 34-4	0.01- 0.2%	None		_		No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01- 0.2%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Teconyl Yellow L-GL 200 %							
C.I. Acid Yellow 49	235-473-4	0.01- 0.2%	H319		_		No Hazard Identified. Recycled Content: None Nanomaterials: unknown



Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess- ment	In Use Health Assessment	Comment
Remaining substance	Proprietary	0.01- 0.2%	H302, H317, H332, H410, H412			_	In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
TUBANTIN BLUE BRR HC							Nationiaterials, unknown
C.I. Direct Blue 71	4399-55-7	0.01-	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01- 0.2%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
TUBANTIN GREEN BL HC							
C.I. Direct Green 26	6388-26-7	0.01- 0.2%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01- 0.2%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
BEMACID BLACK N-TMF							
Sodium-[[4-[(2-ethoxy -5-methylphenyl) azo]-1-naphthyl]azo] benzenesulphonate	68959- 00-2	0.01- 0.1%	H315, H317, H319, H412			_	In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause skin and eye irritation, and toxic to the aquatic environment. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown



tradium P-prepriamina-16-56 (A-sulphumu-16-56 (A	ngredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess- ment	In Use Health Assessment	Comment
triples course this and eye imitation, and toxic to the aquatic environment of the aputic environment of the aputic environment. Remaining substance Proprietary 0.01- H317, 0.28- H312,	no-5-(4-(3-sulphona-		0.1	H317,				hair and unlikely to pose any hazard to the end-user.
Remaining substance Proprietary 0.01- 0.01- 1837, 0.2% 18410. Remaining substance Proprietary 0.01- 1837, 0.2% 18410. Remaining substance Proprietary 0.01- 1837, 0.1% 1837, 0	thyla- zo)naphthalenesul-	3351-05-1						cause skin and eye irritation, and toxic to
Remaining substance Proprietary 0.01- 1437, 1437, 1431, 1441, 1441 During manufacturing, the substance is hardered and ments. Recycled Content: None Nanomaterials, unknown Telon Red 28N01 Telon Red 337 6388-26-7 0.01- 0.1% 1411 1								Nanomaterials: unknown
Remaining substance Proprietary 0.2% H332, H410, H412 harmful and sensitizing, toxic to the aquatic environment. Telon Red 2BN 01 Telon Red 2BN 01 C.I. Acid Red 337 6388-26-7 0.01- H317, H411 C.I. Acid Red 337 C.I. Acid Red 426 C.I. A				H302,				hair and unlikely to pose any hazard to the
Telon Red 28N 01 CLI Acid Red 337 CLI Acid Red 426 CLI Acid Red	Remaining substance	Proprietary		H332, H410,				harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environ-
C.I. Acid Red 337 6388-26-7 0.01- 0.1% H317, 0.1% H411 C.I. Acid Red 426 C.I. Acid Re								
C.I. Acid Red 337 C.I. Acid Red 426 C.I. Acid Red	Telon Red 2BN 01							
C.I. Acid Red 337 6388-26-7 0.01- 0.196 H317, 0.196 Waterford and suppliers have internal OHS isol door certificat. Recycled Content: None Nanomaterials: unknown In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. C.I. Acid Red 426 6388-26-7 0.01- 0.196 H317, 0.196 H317, 0.196 H302, H411 During manufacturing, the substance can cause skin sensitization and toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause skin sensitization and toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown Frionyl Blue A-R Sodium 1-ami- no-4[3-5- big(Denzoylamino) methyll-2.4-6-trimeth- ylphenyllami- no-19-10-diby, dro- ylphenyllami- no-19-10-diby- no-19-10-diby- no-19-10-dioxoanthra-								hair and unlikely to pose any hazard to the
Materford and suppliers have internal OFIS and environmental policies. Waterford is 15014001 Certified. Recycled Content: None Nanomaterials: unknown Linuse, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause skin sensitization and toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown Remaining substance Proprietary During manufacturing, the substance can cause skin sensitization and toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown Frionyl Blue AR Erionyl Blue AR Eriony	C.I. Acid Red 337	6388-26-7						cause skin sensitization and toxic to the
C.I. Acid Red 426 C.I. Acid Red 426 C.I. Acid Red 426 6388-26-7 0.01- 0.1% H317, 0.1% H318, 0.1% Froprietary During manufacturing, the substance can cause skin ensitization and toxic to the aquatic environment. During manufacturing. The substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmfulf if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environment. Proprietary Frionyl Blue A-R Sodium 1-amino-4-[13-(ben-zoylamino) methyl]-2,46-trimethylphenyll aminol-9,10-did, halt of the properties of the aquatic environment properties. Waterford and suppliers have environmental policies. Waterford is iSO14001 Certified. Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environmental policies. Waterford is iSO14001 Certified. Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environmental policies. Waterford and suppliers have environmental policies. Waterford and suppliers h			•					and environmental policies. Waterford is
C.I. Acid Red 426 6388-26-7 0.01- 0.196 H317, 0.196 H317, H411 During manufacturing, the substance can cause skin sensitization and toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment end policies unknown Erionyl Blue A-R Sodium 1-ami- no-4-[13-(ben- zoylamino)] Sodium 1-ami- no-4-[13-bi- ploidivacene-2-sulpho- nate sodium 1-ami- n								
Remaining substance Proprietary O.01- H317, O.196 H411 Proprietary O.01- H317, O.196 H312 During manufacturing, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitization, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown Proprietary O.01- H317, H412 First plant pl								hair and unlikely to pose any hazard to the
Remaining substance Proprietary 0.01- H317, 0.1% H315, H412 Proprietary Bustance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown Erionyl Blue A-R Sodium 1-ami- no-4-[3-6-5] Proprietary Propr	C.I. Acid Red 426	6388-26-7						cause skin sensitization and toxic to the
Remaining substance Proprietary O.01- 0.1% H302, H317, H332, H410, H412 During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environment. Waterford and suppliers have environmental policies. Waterford is ISO14001 Certified. Waterford and suppliers have environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown Recycled Content: None Nanomaterials: unknown								•
Remaining substance Proprietary O.01- O.196 H317, H332, H410, H412 During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown Frionyl Blue A-R Sodium 1-ami- no-4-[[3-([ben- zoylamino] methyl]-2,4,6-trimeth- ylphenyl] amino]-9,10-di- hydro-9,10-dioxoan- thracene-2-sulpho- nate sodium 1-ami- no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth- ylphenyl] sodium 1-ami- no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth- ylphenyllami- nol-9,10-dioxoan- thracene-2-sulpho- nate 67827- 61-6 O.01- H317, H319, H412 The substance is toxic to the aquatic environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown The substance is toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown				H302.				hair and unlikely to pose any hazard to the
Erionyl Blue A-R Sodium 1-ami- no-4-[[3-[(ben- zoylamino) methyl]-2,4,6-trimeth- ylphenyl] amino]-9,10-di- hydro-9,10-dioxoan- thracene-2-sulpho- nate Agricultural amino- no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth- ylphenyl]ami- no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth- ylphenyl]ami- no]-9,10-dihy- dro-9,10-dioxoanthra- The substance is toxic to the aquatic environment. Waterford and suppliers have environ- mental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown H317, H317, H319, H412 Recycled Content: None Nanomaterials: unknown	Remaining substance	Proprietary		H317, H332, H410,				harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environ-
Sodium 1-ami- no-4-[[3-[[ben- zoylamino] methyl]-2,4,6-trimeth- ylphenyl] amino]-9,10-di- hydro-9,10-dioxoan- thracene-2-sulpho- nate sodium 1-ami- no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth- ylphenyl]ami- no]-9,10-dihy- dro-9,10-dihy- dro-9,10-dihy- dro-9,10-dioxoanthra- H315, H315, H317, H319, H412 H317, H319, H412 H317, H319, H412 The substance is toxic to the aquatic environment. Waterford and suppliers have environ- mental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown Recycled Content: None Nanomaterials: unknown								
no-4-[[3-[(ben-zoylamino) methyl]-2,4,6-trimeth- ylphenyl] amino]-9,10-di- hydro-9,10-dioxoan- thracene-2-sulpho- nate sodium 1-ami- no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth- ylphenyl]ami- no]-9,10-dihy- dro-9,10-dioxoanthra- H315, H317, H319, H412 H317, H319, H412 H317, H319, H412 environment. Waterford and suppliers have environ- mental policies. Waterford is ISO14001 Certified. Nanomaterials: unknown The substance is toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown Recycled Content: None Nanomaterials: unknown	Erionyl Blue A-R							
methylj-2,4,6-trimeth- ylphenyl] aminol-9,10-di- hydro-9,10-dioxoan- thracene-2-sulpho- nate sodium 1-ami- no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth- ylphenyl]ami- nol-9,10-dihy- dro-9,10-dioxoanthra- H317, H319, H412 H317, H319, H412 Waterford and suppliers have environ- mental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown H317, H319, H412 Recycled Content: None Nanomaterials: unknown	no-4-[[3-[(ben- zoylamino)			H315.				environment.
nate sodium 1-ami- no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth- ylphenyl]ami- no]-9,10-dihy- dro-9,10-dioxoanthra- Nanomaterials: unknown H317, H319, H412 H317 H319, H412	ylphenyl] amino]-9,10-di- hydro-9,10-dioxoan-			H317, H319,				mental policies. Waterford is ISO14001 Certified.
no-4-[[3,5-bis[(benzoylamino) methyl]-2,4,6-trimeth- glamino 61-6 0.1% H317, H319, H412 The substance is toxic to the aquatic environment. The substance is toxic to the aquatic environment. Recycled Content: None Nanomaterials: unknown	nate							
ylphenylJami- 61-6 0.1% H412 Recycled Content: None no]-9,10-dihy- Nanomaterials: unknown	no-4-[[3,5- bis[(benzoylamino) methyl]-2,4,6-trimeth-							
	no]-9,10-dihy- dro-9,10-dioxoanthra-	61-6	0.1%					



Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess- ment	In Use Health Assessment	Comment
Remaining substance	Proprietary	0.01- 0.1%	H302, H317, H332, H410, H412		_	_	In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Recycled Content: None Nanomaterials: unknown
Teconyl Violet N-FBL 200%							
C.I. Acid Violet 48	72243- 90-4	0.2- 0.3%	H319, H412		_		In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause eyes irritation and toxic to the aquatic environment. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
TUBANTIN ORANGE 7GL CO	ONC						
C.l. Direct Orange 46	1325-54-8	0.01- 0.1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01- 0.1%	H302, H317, H332, H410, H412		_		In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
TUBANTIN RED F3B CONC							
C.I. Direct Red 80	2610-10-8	0.1- 0.2%	H315, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance can cause skin irritation and toxic to the aquatic environment. Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
Remaining substance	Proprietary	0.01- 0.1%	H302, H317, H332, H410, H412				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user. During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment Waterford and suppliers have internal OHS and environmental policies. Waterford is ISO14001 Certified. Recycled Content: None Nanomaterials: unknown



ngredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess- ment	In Use Health Assessment	Comment
TUBANTIN BLUE GLL 300							
tetrasodium 2-[[4-[[4-[[1-hy- droxy-6-(phenyl- amino)-3-sulpho- nato-2-naphthy]	2503-73-3	0.1-	H412				The substance is toxic to the aquatic environment. Waterford and suppliers have environmental policies. Waterford is ISO14001
azo]-1-naphthyl] azo]-6-sulphonato-1- naphthyl]azo]ben- zene-1,4-disulphon ate		0.2%					Certified. Recycled Content: None Nanomaterials: unknown
uce			H302,				In use, the substance is bound to the goat hair and unlikely to pose any hazard to the end-user.
Remaining substance	Proprietary	0.01- 0.1%	H317, H332, H410, H412				During manufacturing, the substance is harmful if swallowed and inhaled, skin sensitizing, toxic to the aquatic environment
							Recycled Content: None Nanomaterials: unknown
Pre-dyed Nylon fibre (RN71	11-09)						
N. I 6 Cl	25038-	5.4057					No Hazard Identified.
Nylon 6 fibre	54-4	5-10%	None				Recycled Content: None Nanomaterials: unknown
Titanium Dioxide	13463- 67-7	0.1- 0.2%	H351	_			The substance is suspected of causing cancer. In use the substance is bound inside the final product and not likely to exposed any hazard to end user. Waterford and suppliers have internal OHS and environmental policies. Waterford is
							ISO14001 Certified. Recycled Content: None Nanomaterials: unknown
CARPET ADHESIVE PLASTIS	50L						
PVC resin	9002-86-2	20-40%	IARC3, H315, H319, H335		_	_	In use, the resin is bonded as PVC and not exposed to the end-user. During manufacturing, the substance is not classified as carcinogenic, and can cause skin, eyes and respiratory tract irritation. Waterford and suppliers have internal OHS policies. Waterford is ISO14001 Certified.
							Recycled Content: None Nanomaterials: unknown
Bis (2-ethylhexyl)	6422.06.2	15 200/	None				No Hazard Identified.
terephthalate	6422-86-2	15-30%	None				Recycled Content: None Nanomaterials: unknown
Soybean oil, epox-	8013-07-8	1-10%	None				No Hazard Identified.
idised							Recycled Content: None Nanomaterials: unknown
Alkali alumino-silicate	1318-02- 01	0.1-1%	None				No Hazard Identified. Recycled Content: None
Pre-dyed Viscose Rayon							Nanomaterials: unknown
Viscose fibre	68442-	1.50/	Nors				The wood source is FSC Certified. No Hazard Identified.
	85-3	1-5%	None				



Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	Ingredient Assessment	Whole Of Life Assess- ment	In Use Health Assessment	Comment
Water	7732-18-5	0.1-1%	None		_		No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Pigment	Propri- etary	0.01- 0.1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Fibre finish	Proprietary	0.01- 0.1%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown
Jute							
Jute	Proprietary	1-10%	None				No Hazard Identified. Recycled Content: None Nanomaterials: unknown

Notes:

H302: Acute Tox. 4 H351 : Carc. 2 H304: ASP Tox. 1 H410 : Aquatic Tox. 1 H315: Skin Irrit. 2 H411 : Aquatic Chronic 2 H317: Skin Sens. 1B H412 : Aquatic Tox. 3

H319: Eye Irrit. 2 IARC3: Not Classifiable as to its carcinogenity to human

H332: Acute Tox. 4

Comments:

Tretford Roll has passed VOC Emission test by CETEC.

The product meet the Green Building Council Greenstar requirement.

TVOC Result: 0.25 mg/m2/hr