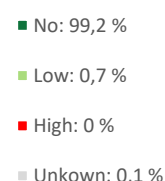
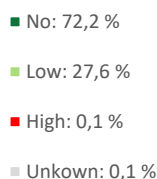
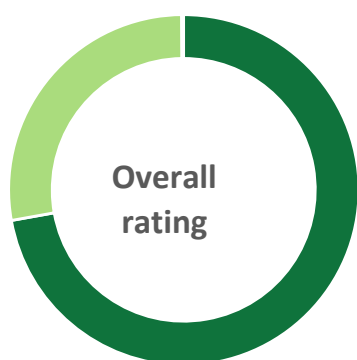


DESSO Ecobase PA6 Solution Dyed Carpet Tiles

Company	TARKETT
Product specifications	DESSO AirMaster Atmos EcoBase, DESSO AirMaster Earth EcoBase, DESSO AirMaster Classic EcoBase, DESSO AirMaster Sphere EcoBase, DESSO AirMaster Stitch EcoBase, DESSO AirMaster Reflection EcoBase, DESSO Arable EcoBase, DESSO Avenue EcoBase, DESSO Colour Nuances EcoBase, DESSO Colourant EcoBase, DESSO Defend EcoBase, DESSO Desert AirMaster EcoBase, DESSO Desert EcoBase, DESSO Eclectic EcoBase, DESSO Emerge EcoBase, DESSO Enlaced EcoBase, DESSO Essence EcoBase, DESSO Essence Maze EcoBase, DESSO Essence Pure EcoBase, DESSO Essence Roots EcoBase, DESSO Essence Stripe EcoBase, DESSO Essence Structure EcoBase, DESSO Essence Traces EcoBase, DESSO Evolve EcoBase, DESSO Fields EcoBase, DESSO Fuse Create EcoBase, DESSO Fuse EcoBase, DESSO Futurity EcoBase, DESSO Grain EcoBase, DESSO Grezzo EcoBase, DESSO Grezzo Bloom EcoBase, DESSO Grezzo Vivid EcoBase, DESSO Iconic EcoBase, DESSO Jeans Original EcoBase, DESSO Jeans Stonewash EcoBase, DESSO Jeans Twill EcoBase, DESSO Linon EcoBase, DESSO Linon Unity EcoBase, DESSO Metallic Shades EcoBase, DESSO Metropool EcoBase, DESSO & Patricia Urquiola EcoBase , DESSO Recharge EcoBase, DESSO Retrace EcoBase, DESSO Scenic EcoBase, DESSO Shape EcoBase, DESSO Solid EcoBase, DESSO Stratos Blocks EcoBase, DESSO Stratos EcoBase, DESSO Tactile Craft 1 EcoBase, DESSO Tactile Craft 2 EcoBase, DESSO Tactile Craft 3 EcoBase, DESSO Traverse EcoBase, DESSO Verso EcoBase, DESSO Vista EcoBase
Issue date:	21. July 2026
Expiration date:	20. July 2028
Declaration and evaluation threshold:	At least 100 ppm of the final product
After-use scenario:	ReStart [®] recycling and take-back programme ^(a)
EPEA Registry No:	45615
MHS Version:	3.0

Chemicals Risk Assessment: Concern level



This summary presents the average mass weighted distribution of material health ratings presented on next pages. Ratings address benefits and risks of chemical components of the product for humans and the living environment:

* during the phase of use of the product.

* overall while taking into account

- a) the last manufacturing step using raw materials leading to them in the product's composition,
- b) the production of raw materials in the supply chain as far as information is attainable from suppliers or from generic literature,
- c) the intended management scenario after use.

The benefit and risk analysis follows a qualitative and quantitative breakdown of the product's chemical composition from the chemical composition of raw materials, a reconstruction of chemical transformation pathways and an anticipation of the chemical's behaviour during the intended after-use processing. This information is combined with physical and (eco)toxicological properties of pure chemicals obtained from governmental and non-governmental scientific organisations to derive a level of concern. The MHS is making transparent at a point in time results of the company's activities for developing benefits of the product, including environmental and health benefits, with its purchasing and commercialization practices.

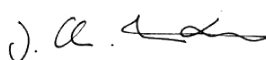
FUNCTION	CHEMICALS (Maximally present at ≥ 0,01%)	CAS	CONTENT (average)	EPEA RATING		GS-LT GS-BM ^(c)	REACH
				USE PHASE	OVERALL		
Polymers	Polyamide 6	25038-54-4	16,09%			LT-UNK	✓
	Polyethylene terephthalate	25038-59-9	5,60%			LT-P1	✓
	1,3-Butadiene-styrene copolymer	9003-55-8	4,26%			LT-UNK	✓
	Other polymers	Proprietary	3,81%			LT-P1	✓
						LT-UNK	✓
						LT-UNK	✓
						LT-UNK	✓
Polymers involved in different layers of the carpet. Polyamide 6, the main polymer the yarn is consisting of, is a state-of-the-art technical nutrient which can be depolymerized for subsequent repolymerization to virgin-like quality. Synthesis impurity ε-caprolactam is of no concern.							
Nanomaterials: No							
Fillers	Calcium carbonate	471-34-1	56,42%			LT-UNK	✓
	Aluminium hydroxide	21645-51-2				BM2	✓
	Quartz	14808-60-7				LT-1	✓
	Calcium carbonate, obtained as by-product of the processing of drinking water, has a mean particle size of 250 µm. Aluminium trihydrate is a filler with flame retardant properties and a mean size of 11 µm. The filler impurity quartz amounts to < 0,1%. No concern in the finished product.						
	Nanomaterials: No						
Reinforcement	Glass, oxide, chemicals	65997-17-3	0,59%			LT-1	✓
	Glass filaments embedded in the heavy coating to provide tile dimension stability. They fulfil conditions for exemption of H351 labelling. No concern.						
Coloration agents	Proprietary	Proprietary	0,78%			BM1	✓
						None	✓
						LT-UNK	✓
						LT-1	✓
						BM1	✓
						BM1	✓
						LT-UNK	✓
						LT-P1	✓
						N.I.	✓
	16 pigments are involved in solution dyed yarns. They have been grouped according to rating similarities. At most minor health issues related to dust inhalation during production of mineral pigments. No concern in the finished product. Halogens and heavy metals contained in organic pigments determine the red rating.						
Nanomaterials: Not verified							

Additives, processing aids or impurities	Proprietary additives, processing aids or impurities	Proprietary	12,45%			None	✓
						LT-UNK	✓
						LT-UNK	✓
						LT-P1	✓
						LT-UNK	✓
						LT-P1	✓
						LT-1	✓
						None	✓
						BM1	✓
						LT-UNK	✓
						LT-P1	✓
						LT-1	✓
						N.I.	✓
						N.I.	✓
				Surfactants, thickener, defoamer, antistatic agents, antioxidant, stabilizer, lubricant, and non identified chemicals. Additives and processing aids have a functional purpose in the production process or had one to produce inputs by suppliers. In this section, 57 encompassed identified chemicals present at a level > 100 ppm each have been grouped according to their ratings similarities when they are defined but proprietary to suppliers. No to low concern when considering each chemical on its own. Considering this high number, possible synergies between chemicals are not predictable. The gray rated non-identified share represents 0,6% of the total of chemicals recorded in this section.			
Nanomaterials: Marginally not excluded							

RESOURCE ORIGIN

Content sourced from abundant minerals		7,90%	Aluminium hydroxide and glass fibres are obtained from abundant resources.
	- Post-industrial - Internal	-	The recycled content is predominantly provided by the above mentioned by-product of the processing of drinking water and by polyamide 6 yarns.
	- Post-industrial - External	49,76%	
	- Post-installation	-	
	- Post-use source	5,20%	
Biologically renewable content	- Animal	-	A vegetal origin of chemicals is identified. Chemicals having a possible animal origin are not identifiable.
	- Vegetal	5,50%	

EPEA's rating methodology^(d) is based on the Cradle-to-Cradle approach with the European Precautionary principle. It is made in relation with a quality target, an after-use scenario and on the background of the specific supply chain materials used by the article's manufacturer. The assessment of hazard/safety properties of chemicals is made at the best of our knowledge at the date of MHS™ issue. EPEA believes the data forth herein are accurate as of the date hereof. EPEA makes no warranty with respect thereto and expressly denies all liability for reliance thereon. Such data are offered solely for your consideration, investigation, and verification.


Dr. Jan Christoph von der Lancken
Managing Director EPEA Industry


Dr. Alain Rivière
Scientific Supervisor

Legend:

EPEA RATINGS	REACH compliance	GS-LT / GS- BM ^(a)
● No concern	✓: Substance is listed neither in Annex XIV nor in Annex XVII nor as SVHC and complies with European Union Regulation EC 1907/2006 applicable to this article	LT-1: Chemical is found on an authoritative list of the most-toxic chemicals LT-P1: Chemical may be a serious hazard, but the confidence level is lower
● low concern	XVII or XIV: Substance listed in Annex XVII (Restriction) or Annex XIV (Authorisation) of REACH regulation applicable to this article	LT-UNK: Unknown (no data on List Translator Lists) BM1: Avoid: Chemical of High Concern BM2: Use but search for Safer Substitutes
● High concern. Task for material optimization	SVHC: Substance of Very High Concern. Candidate for listing in Annex XIV (Authorization list) of REACH Regulation at a concentration above 0.1%	BM3: Use but still opportunity for improvement BM4: Prefer: Safer Chemical
● Risk cannot be verified. Task for knowledge development	- : Not applicable due to missing CAS#	BMU: "Unspecified"; insufficient data N.I.: (No GS rating): Chemical is not listed in the source of GS and GS-LT ratings

(a) ReStart® recycling and take-back programme(a)

https://professionals.tarkett.com/en_EU/node/restart-recycling-take-back-programme-9721

(b) Charter for a responsible use of PVC and chlorine management

<https://www.epea.com/en/news/pvc-chlorine-management>

(c) GreenScreen List Translator Score and GreenScreen Benchmark Score according to 3E Exchange

<https://exchange.3eco.com/Substances/Search>

(d) EPEA MHS V3.0 Development Guidance

https://epea.com/fileadmin/user_upload/2.0_Leistungen/MHS_Guidance_document_V3.0_EPEA_15.09.2023.pdf

(e) VOC regulation compliance TÜV Cert No. 70 710 6489-14 (01.07.2023) and TFI-Report 25-000583-01 (24.06.2025)

- ✓ AgBB 2021 and 2024
- ✓ Austrian Eco Label UZ 56
- ✓ Belgian VOC regulation
- ✓ BREEAM Exemplary Level
- ✓ CAM Italy
- ✓ DE-UZ 128 (Blue Angel)

- ✓ Finnish M1 classification
- ✓ French regulations DEVL 1101903 D and DEVL1104875 A 1101903D.
- ✓ EU-Ecolabel
- ✓ LEED v4
- ✓ MVV TB Annex 8+9 / ABG
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