

HPD UNIQUE IDENTIFIER: 7042775298048

CLASSIFICATION: 09 05 71 Acoustic Underlayment

PRODUCT DESCRIPTION: Low-density technical agglomerated cork made of cork granules of specified dimension and density, with the addition of a mono-component binder mix (modified polyurethane solvent-free pre-polymer). Produced in agglomerated cork cylinders, with diameter of approx. 950 mm (3 ft) and a defined hight from 900 to 1500 mm (3 to 5 ft). Cylinders are sliced in the required thickness (max 10 mm (0.4 in)) and cut into rolls of the required dimension.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
☐ Nested Materials Method	☐ 100 ppm	☒ Completed	Characterized ☒ Yes ☐ No
☒ Basic Method	☒ 1,000 ppm	☐ Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	Screened ☐ Yes ☒ No
☐ Material	☐ Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product		☒ Yes ☐ No	Identified ☐ Yes ☒ No
			<i>Provided name and CAS RN or other identifier.</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
UNDERLAY CORK ROLLS [CORK TOLUENE DIISOCYANATE (TDI)
COMPOUNDS LT-UNK | CAN | RES]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.

Special Conditions applied: [BiologicalMaterial]

Special Conditions applied: [Polymers]

Products have been screened at a threshold of 1000 ppm and are listed in the Content Inventory Section. Cork is listed as Materials since it is a biological substance and have no CAS#.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: UL/GreenGuard Gold Certified

Management: ISO 9001:2015 Quality management systems

Sustainable forestry: FSC Certification - Mixed Credit

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2024-12-12
☐ Yes	VERIFIER:	PUBLISHED DATE: 2024-12-12
☒ No	VERIFICATION #:	EXPIRY DATE: 2027-12-12

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

UNDERLAY CORK ROLLS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been evaluated.

OTHER PRODUCT NOTES: No other product notes to add.

CORK

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy

%: 88.0000 - 92.0000

GreenScreen: Not Required

RC: PreC

NANO: No

MATERIAL ROLE: Biological material

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Cork is an impermeable buoyant material, the phellem layer of bark tissue that is harvested for commercial use from Quercus suber L (the cork oak).

MATERIAL CONTENT NOTES: Cork, the bark of the cork oak tree, is a natural, renewable, biodegradable and fully recyclable biomaterial. Cork is the primary material for this product, about 88 - 92% of the total mass of the product.

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

LOCATIONS:

Country

Location

Process Stage

Status

Portugal

40.9626 / -8.5969

Manufacturing

All information disclosed.

TOLUENE DIISOCYANATE (TDI) COMPOUNDS

ID:

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-12-12 07:57:05

%: 8.0000 - 12.0000

GreenScreen: LT-UNK

RC: None

NANO: No

POLYMER ROLE: Binder

UNDERLAY CORK ROLLS

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HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

POLYMER TYPE: Crosslinked thermoset

AVERAGE MOLECULAR WEIGHT : Unknown

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown

ADDITIONAL SUBSTANCES CONSIDERED: Yes

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers with disclosed CAS numbers.

ADDITIONAL NOTES:

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	UL/GreenGuard Gold Certified	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e9d055b0e82d946a2b92?page_type=Products%20Catalog	ISSUE DATE: 2015-02-16 00:00:00 EXPIRY DATE: 2025-11-02 00:00:00	CERTIFIER OR LAB: UL Solutions
CERTIFICATION AND COMPLIANCE NOTES: Granorte's cork underlay rolls are certified UL Greenguard and UL Greenguard Gold. Certificates Number 20924-410 and 20924-420		
MANAGEMENT	ISO 9001:2015 Quality management systems	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Granorte Production facilities CERTIFICATE URL:	ISSUE DATE: 2024-02-01 00:00:00 EXPIRY DATE: 2027-02-19 00:00:00	CERTIFIER OR LAB: APCER
CERTIFICATION AND COMPLIANCE NOTES: Certificate No. 2017/CEP.5373		
SUSTAINABLE FORESTRY	FSC Certification - Mixed Credit	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Granorte Production facilities CERTIFICATE URL: https://search.fsc.org/en/certificate/a0240000005be8nAAA/	ISSUE DATE: 2020-02-03 00:00:00 EXPIRY DATE: 2025-02-02 00:00:00	CERTIFIER OR LAB: APCER
CERTIFICATION AND COMPLIANCE NOTES: Certificate number: APCER-COC-150508 APCER-CW-150508		

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

Due to the low thermal conductivity levels and effective sound insulation of cork, underlay cork rolls are commonly used under floating floors, wooden floors, ceramic tiles, natural stone, linoleum and vinyl floors, being a cost-effective solution for reducing impact noise problems. Cork rolls can be used in domestic and commercial applications contributing significantly to the acoustic and thermal performance of buildings, improving environmental comfort and reducing energy costs.

The use of a natural and renewable raw-material and the possibility of total recycling of the product, make agglomerated cork underlay a reference in terms of ecology and environmental sustainability.

Cork underlay contains no PVC, no softeners or other substances hazardous to health or the environment, namely:

- Materials included in the SVHC list of REACH;
- Substances considered to be PBT (persistent, bio-accumulative and toxic);
- Materials classified as carcinogenic, mutagenic or toxic;
- Substances considered to be endocrine disruptors.

Cork underlay has the following features:

- Safe and easy to handle and install;
- Effective reduction of impact and airborne sound;
- Increases the thermal comfort of the surface floor;
- Persistence of characteristics along time;
- High fire resistance, without the release of toxic gases;

- Odourless;
- No harmful chemicals;
- Contains about 90% (by weight) of natural cork, post-industrial recycled content;
- Natural, biodegradable and recyclable product, made using raw materials from sustainable sources;

MANUFACTURER INFORMATION

MANUFACTURER: **Granorte**
ADDRESS: **GRANORTE - Revestimentos de Cortiça, Lda.**
Avenida de Santiago, 68
Rio Meão, Rio Meão 4520-470
COUNTRY: **PORTUGAL**
LATITUDE: **40.9593000**
LONGITUDE: **-8.5970000**

WEBSITE: **<https://www.granorte.pt/en/>**
CONTACT NAME: **Paulo Rocha**
TITLE: **Technical & R+D Manager**
PHONE: **+351 256 783 026**
EMAIL: **paulo.rocha@granorte.pt**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through

transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.