

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals/Impurities Considered in 6 of 6 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

Characterized Percent Weight and Role Provided?  Yes  No

Screened Using Priority Hazard Lists with Results Disclosed?  Yes  No

Identified Name and Identifier Provided?  Yes  No

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.

Number of Greenscreen BM-4/BM3 contents..... 1  
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-UNK  
Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE

NYLON [ NYLON 6 LT-UNK ] SBR-LATEX [ STYRENE BUTADIENE RUBBER (SBR) LT-UNK ] LIMESTONE [ CALCIUM CARBONATE BM-3 ]  
ALUMINIUMHYDROXIDE [ ALUMINIUM HYDROXIDE OXIDE LT-UNK ]  
POLYESTER [ POLYESTER NoGS ] POLYPROPYLENE [ POLYPROPYLENE LT-UNK ]

INVENTORY AND SCREENING NOTES:

No notes

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: Eurofins Indoor Air Comfort GOLD - certified product

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2017-08-14  
PUBLISHED DATE: 2017-08-14  
EXPIRY DATE: 2020-08-14

## Section 2: Content in Descending Order of Quantity

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 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### NYLON HPD URL:

**%: 32.7000 - 32.9000**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities

OTHER MATERIAL NOTES: No notes

#### NYLON 6

ID: 25038-54-4

**%: 100.0000 - 100.0000**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Polyamide is the nylon used to manufacture this carpet**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No Notes

### SBR-LATEX HPD URL:

**%: 21.4000 - 21.4000**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: There are no residuals or impurities

OTHER MATERIAL NOTES: No notes

#### STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

**%: 100.0000 - 100.0000**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Used in the backing material**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No notes

### LIMESTONE HPD URL: <http://www.bentzon.dk>

**%: 18.6000 - 18.6000**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities

OTHER MATERIAL NOTES: No notes

### CALCIUM CARBONATE

ID: 471-34-1

#: 100.0000 - 100.0000 GS: **BM-3** RC: **UNK** NANO: **No** ROLE: **It is blended with latex to form the adhesive backing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No notes

### ALUMINIUMHYDROXIDE

#: 17.4000 - 17.4000

HPD URL: <http://bentzon.dk>

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities

OTHER MATERIAL NOTES: No Notes

### ALUMINIUM HYDROXIDE OXIDE

ID: 24623-77-6

#: 100.0000 - 100.0000 GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Fire retardant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No notes

### POLYESTER

#: 6.4000 - 6.4000

HPD URL:

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities

OTHER MATERIAL NOTES: No notes

### POLYESTER

ID: 113669-95-7

#: 100.0000 - 100.0000 GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Polyester is a strong polymer that is spun into fiber to make the carpet**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No notes

## POLYPROPYLENE

#: 3.3000 - 3.3000

HPD URL:

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities

OTHER MATERIAL NOTES: No notes

## POLYPROPYLENE

ID: 9003-07-0

#: 100.0000 - 100.0000

GS: LT-UNK

RC: UNK

NANO: No

ROLE: It is a synthetic fiber used in making the carpet

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No 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

#### Eurofins Indoor Air Comfort GOLD - certified product

CERTIFYING PARTY: Third Party

ISSUE DATE: 2017-05-

EXPIRY DATE: 2022-

CERTIFIER OR LAB: Eurofins

APPLICABLE FACILITIES: All

01

05-01

Product Testing

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Certificate is for VOC emissions

## 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

Weaving carpets is an old craft, and therefore through generations the woven carpet has developed into an exciting and very hard-wearing product. Bentzon Carpets has retained the traditional weaving methods. Today, however, the carpets are

manufactured on advanced high-technology looms ensuring a uniform production with the possibility of many different structures. A large part of our domestic products are made of pure new wool of the best quality, while the contract products are produced of the latest developed generations in polyamide or in 80/20 wool/polyamide.

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **Bentzon Carpet**

ADDRESS: **Fabrikvej 15,**

**Rojle Middelfart 5500, Denmark**

WEBSITE: **<http://www.bentzon.dk>**

CONTACT NAME: **Ulrich Stenager Heiselberg**

TITLE: **Owner**

PHONE: **+45 6440 2000**

EMAIL: **[ush@bentzon.dk](mailto:ush@bentzon.dk)**

### KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

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

### Hazard Types

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**BM-3** Benchmark 3 (use but still opportunity for improvement)

**BM-2** Benchmark 2 (use but search for safer substitutes)

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

**NoGS** Unknown (no data on List Translator Lists)

### Recycled Types

**PreC** Preconsumer (Post-Industrial)

**PostC** Postconsumer

**Both** Both Preconsumer and Postconsumer

**Unk** Inclusion of recycled content is unknown

**None** Does not include recycled content

### Other Terms

#### 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.*