

HPD UNIQUE IDENTIFIER: 21811

CLASSIFICATION: 09 65 00 Resilient Flooring

PRODUCT DESCRIPTION: Ntgrate produces vinyl floor covering for intensive use class 33, in accordance with EN 14041. The carpet is made from PVC yarns with glass fibre core and PVC backing. As secondary backing a polyester needlefelt is used. The carpet can be delivered in different shapes, tiles or on rolls 2m width.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

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

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes  No

All Substances Above the Threshold Indicated Are:

Characterized  Yes Ex/SC  Yes  No  
% weight and role provided for all substances.

Screened  Yes Ex/SC  Yes  No  
All substances screened using Priority Hazard Lists with results disclosed.

Identified  Yes Ex/SC  Yes  No  
All substances disclosed by Name (Specific or Generic) and Identifier.

Threshold Disclosed Per

- Material
- Product

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.

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

NTGRATE GREENFELT [ POLYVINYL CHLORIDE (PVC) LT-P1 | RES  
LIMESTONE, CALCIUM CARBONATE LT-UNK BIS(2-ETHYLHEXYL)  
TEREPHTHALATE BM-3dg POLYETHYLENE TEREPHTHALATE (PET) LT-  
UNK SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-  
UNK CARBON BLACK (POST-CONSUMER) BM-1 | CAN | GEN ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

For Inventory and screening notes: materials and substances representing 95 % of the product weight meet the 100 ppm treshold.

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  
VOC emissions: RFCI FloorScore  
VOC content: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario  
Other: ce

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2020-09-23

PUBLISHED DATE: 2020-09-23

EXPIRY DATE: 2023-09-23



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

## NTGRATE GREENFELT

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Raw materials on exploitation minig (Calcium Carbonate) and the glass composition are examples.

OTHER PRODUCT NOTES: Residuals and impurities are less than 0.5%.

### POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-23

#: 39.0000 - 41.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: 2 types of PVC are used

### LIMESTONE, CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-23

#: 19.0000 - 21.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: filler in the compound

### BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-23

#: 19.0000 - 21.0000

GS: BM-3dg

RC: None

NANO: No

SUBSTANCE ROLE: Plasticizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **plastisizer in the formulation**

### POLYETHYLENE TEREPHTHALATE (PET)

ID: **25038-59-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-09-23**

#: **9.5000 - 10.0000** GS: **LT-UNK** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Non-woven material made of 100% polyester fibres, made of recycled PET-bottles. This product is recyclable - 100% PES and is a Class I according to Ökotex Standard 100.**

### SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: **65997-17-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-09-23**

#: **5.0000 - 6.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Textile component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **the glass fibre is the core of our yarn**

### CARBON BLACK (POST-CONSUMER)

ID: **1333-86-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-09-23**

#: **0.0500 - 0.1000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
GENE MUTATION	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: **Carbon Black in suspension is used to color the adhesive compound of the black color felt. The content in the adhesive compound is very low. Now we are running tests to lower the content of carbon black to zero.**



## 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: **2019-03-29** EXPIRY DATE: **2024-03-29** CERTIFIER OR LAB: **Eurofins**  
APPLICABLE FACILITIES: **with frequent surveillance and retesting**  
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Pass (regulation/protocol) for French VOC regulation & CMR components; AgBB/ABG; Belgium Regulation; EN 717/1; Blue Angel; Leed v4 (outside VS); BREEAM NOR**

### VOC EMISSIONS

#### RFCI FloorScore

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2020-10-01** EXPIRY DATE: **2024-06-30** CERTIFIER OR LAB: **SGS Global Services**  
APPLICABLE FACILITIES: **Comforms to the CDPG/EHLB Standard Method**  
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **# SCS-FS-05544**

### VOC CONTENT

#### CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2019-03-25** EXPIRY DATE: **2024-03-30** CERTIFIER OR LAB: **Eurofins**  
APPLICABLE FACILITIES: **N/A**  
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **CDPH**

### OTHER

#### ce

CERTIFYING PARTY: **Third Party**  
ISSUE DATE: **2015-04-18** EXPIRY DATE: **2021-04-30** CERTIFIER OR LAB: **certifier Centexbel**  
APPLICABLE FACILITIES: **EN 14041:2004/AC:2006**  
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **0493-CPR-0193 & 0493-CPR-0194**

## 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.

### ADHESIVES

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

See our installation and maintenance instructions on our website [www.ntgrate.eu](http://www.ntgrate.eu)

## Section 5: General Notes

Our products are tested VOC and are PCP and formaldehyde free.



## MANUFACTURER INFORMATION

MANUFACTURER: **Ntgrate**  
 ADDRESS: **Rijksweg 125**  
**Bavikhove West-Vlaanderen 8531, Belgium**  
 WEBSITE: **www.ntgrate.eu**

CONTACT NAME: **Ghysels Patrick**  
 TITLE: **QA Manager**  
 PHONE: **0032471794723**  
 EMAIL: **patrick@ntgrate.eu**

*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

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

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>NoGS</b> No GreenScreen.
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	

### 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.*