

Name Flotex Tile

Product ID Calgary, Cirrus, Complexity, Integrity 2, Metro, Metro Neons, Montana, Senya, Seoul, Silica, Stratus, Penang, Pinstripe

Website www.forboflooringNA.com

Classification 09 68 13.00 Finishes: Tile Carpeting



Manufacturer Address Forbo Flooring Systems

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Description Flotex tile is a flocked textile floor covering. It is made of 80 million fibers of Nylon 6.6 per square meter. The fibers are flocked into an adhesive containing the anti-microbial treatment Sanitized. This provides constant protection against bacteria, including MRSA, E-coli, and the development of dust mites. It is compounded into the backing which is composed of recycled vinyl, PVC and glass fleece which provides stability.

Size - Approximately 20" x 20" (50cm x 50cm)

Guage - .21" (5.3mm)

Packaging - 12 tiles (32.3 ft2 / 3 m2)

Release Date 2015-02-16 Self-declared

Expiry Date 2018-02-16 Second Party **Certifier**

HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/2021/1045-20150216152146.pdf> Third Party **Certificate #**

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure Measured 100 ppm (ideal) Measured 1000 ppm Predicted by process chemistry As per MSDS (1,000 & 10,000 ppm) Not disclosed Other

Full Disclosure of Intentional Ingredients Yes No

Full Disclosure of Known Hazards Yes No

Disclosure Notes

Contents in Descending Order of Quantity

POLYVINYL CHLORIDE (PVC) , Diisononyl phthalate (DINP-1, mixture of isomers as manufactured) , LIMESTONE; CALCIUM CARBONATE , NYLON 6,6 , GLASS / MINERAL FIBER , Alumina trihydrate , fatty acids, C12-18, ethoxylated , ZINC COMPOUNDS , CARBON BLACK , ZINC PYRITHIONE (ZPT) , Chromate(2-), [4-[[[5-chloro-2-hydroxy-3-nitrophenyl]azo]-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]][3-[[[1-(3-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxy-5-nitrobenzenesulfonato(3-)]-, d

Hazards PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation

Development Reproductive Endocrine Respiratory

Highest concern GreenScreen score - List Translator Benchmark 1

Neurotoxicity Mammal Skin or Eye Aquatic toxicity Land toxicity Physical hazard Global warming Ozone depletion Multiple Unknown

Total VOC Content

Material (g/L) N/A **Does the product contain exempt VOCs?** N/A Yes No

Regulatory (g/L) N/A **Are there VOC-free tints available?** N/A Yes No

Notes

Certifications + Compliance

VOC Emissions	CHPS High Performance Products Database - Low Emitting Material	VOC Content	N/A
LCA	Environmental Product Declaration (EPD)		

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
POLYVINYL CHLORIDE (PVC)	9002-86-2	72.13 %	LT-U	PI	U	Polymer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
59 % of the Polyvinyl Chloride (PVC) is made up of mixed carpet and vinyl waste from productions within Forbo. This is what makes up the recycled backing of Flotex Tile.						
Diisononyl phthalate (DINP-1, mixture of isomers as manufactured)	68515-48-0	9.53 %	LT-1	U	U	Plasticiser
CANCER	Prop 65: Cancer					
DEVELOPMENTAL	NTP-OHAaT: B-Some evidence of adverse developmental toxicant effects					
ENDOCRINE	SIN: Equivalent concern, including endocrine disruption - Sin List 1.0 (also in TEDX)					
REPRODUCTIVE	EPA Action: Reproductive effects					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
LIMESTONE; CALCIUM CARBONATE	1317-65-3	8.31 %	LT-U	U	U	Filler
None found	No warnings found on HPD Priority lists					

NYLON 6,6	32131-17-2	5.5 %	LT-U	U	U	Carpet Pile
None found	No warnings found on HPD Priority lists					
GLASS / MINERAL FIBER	65997-17-3	3.5 %	LT-U	U	U	Substrate & Reinforcement
None found	No warnings found on HPD Priority lists					
Alumina trihydrate	21645-51-2	0.46 %	2	U	U	Fire Retardant Filler
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
fatty acids, C12-18, ethoxylated	68154-29-0	0.35 %	LT-U	U	U	Antistatic Agent
None found	No warnings found on HPD Priority lists					
ZINC COMPOUNDS		0.11 %	LT-U	U	U	Heat Stabilizer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
CARBON BLACK	1333-86-4	0.04 %	LT-1	U	U	Conductive Fiber in Carpet Pile
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
ZINC PYRITHIONE (ZPT)	13463-41-7	0.04 %	LT-P1	U	U	Antimicrobial
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
Chromate(2-), [4-[(5-chloro-2-hydroxy-3-nitrophenyl)azo]-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)] [3-[[1-(3-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxy-5-nitrobenzenesulfonato(3-)]-, d	72017-66-4	0.03 %	LT-P1	U	U	Dye
MULTIPLE	VwVwS: Class 2 Hazard to Waters					

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	CHPS High Performance Products Database - Low Emitting Material			Collaborative for High Performance Schools (CHPS)
	1st party manufacturer claim	2014-11-18	2016-11-18	www.CHPS.net
	All			
VOC Content	N/A			
Recycled Content	Not tested			
LCA	Environmental Product Declaration (EPD)			The Green Standard
	3rd party independent certification	2013-06-13	2018-06-13	www.ul.com
	All			

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	
FRT 950 Adhesive (VOC 0.00 g/L)	
Pressure sensitive adhesive used for releasable installation.	

NOTES

Products lines that fall under the category of Flotex Tile are the following; Calgary, Cirrus, Complexity, Integrity 2, Metro, Penang, Pinstripe and Stratus.