

Name Digital Dye Injected Type 66 Nylon Comfort Plus ES backing Carpet Tile



Product ID Colorwash **Classification** 09 68 13.00 Finishes: Tile Carpeting

Website millikencarpet.com

Manufacturer Address Milliken & Company
300 Lukken Industrial Drive W
LaGrange, GA 30240
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Description This EPD is for a family of carpet tiles that are constructed using Nylon 6,6 fiber, with an extruded polyurethane attached cushion pad. The primary differences in the products listed below are a result of multiple face weights using the same yarn and dyeing system.

- BioGrid
- BioView
- Consequence
- Consequence 2.0
- Cross Section 2, Column 2, Block 2
- Design Rhythms
- Ecostyle
- Grand Plaza
- Image Series
- Intervals
- Isos
- Marco Polo
- Oxygen
- Persian Dynasty
- Plan A
- Raffia Tex
- Remix 2.0
- Simply This
- Sisal Duet
- Sisal Style
- Suitable - Woven Threads
- Surface Tension
- Theory 2.0
- Windows
- Windowscape

Release Date 2014-03-27 Self-declared
Expiry Date 2017-03-27 Second Party **Certifier**
HPD URL <http://tool.hpdcollaborative.org/uploads/files/hpds/304/239-20140327160913.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 (10,000 ppm) not disclosed other

Full Disclosure of Intentional Ingredients Yes No
Full Disclosure of Known Hazards Yes No
Notes

Contents in Descending Order of Quantity

FLY ASH , LIMESTONE; CALCIUM CARBONATE , NYLON 6,6 , POLYURETHANE FOAMS , POLYPROPYLENE , ASPHALT , STYRENE BUTADIENE RUBBER (SBR) , POLYETHYLENE TEREPHTHALATE (PET) , 2-Propenoic acid, polymer with 1-propene , GLASS / MINERAL FIBER , HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED , ZINC PYRITHIONE (ZPT) , stannane, dibutylthio-

Hazards

- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory

Highest concern GreenScreen score - 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
Regulatory (g/L) N/A

Does the product contain exempt VOCs?
Are there VOC-free tints available?

- N/A Yes No
- N/A Yes No

Notes

Certifications + Compliance

VOC Emissions	CRI Green Label Plus - Carpet	VOC Content	N/A
Multi-attribute	MTS SMART Building Product Standard - Platinum (2006)	Multi-attribute	California Gold Sustainable Carpet Standard - RETIRED - Gold - Superseded by ANSI/NSF 140-2007e - Platinum
LCA	Environmental Product Declaration (EPD)	Chemicals of Concern	Declare - Red List Compliant
Living Building Challenge (LBC)	Declare - Red List Compliant	Management	ISO 14001

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	Warnings					Notes
FLY ASH	68131-74-8	27.3 - 31.5 %	U	PI	N	Rheology / viscosity modifiers
None found	No warnings found on HPD Priority lists					
LIMESTONE; CALCIUM CARBONATE	1317-65-3	16.5 - 20.7 %	U	N	N	Rheology / viscosity modifier
None found	No warnings found on HPD Priority lists					
NYLON 6,6	32131-17-2	13 - 33 %	U	N	N	Wear Layer
None found	No warnings found on HPD Priority lists					
POLYURETHANE FOAMS	9009-54-5	12 - 16 %	U	N	N	Comfort Layer
None found	No warnings found on HPD Priority lists					
POLYPROPYLENE	9003-07-0	6.5 - 7.5 %	U	N	N	Secondary Backing, adhesive additive
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
ASPHALT	8052-42-4	6.3 - 10.5 %	BM1	N	N	Adhesive
CANCER	NIOSH-C: Occupational carcinogen (also in MAK, IARC, NTP-RoC)					
PBT	WA PBT: PBT					
STYRENE BUTADIENE RUBBER (SBR)	9003-55-8	4.8 - 6 %	U	N	Y	Adhesive
None found	No warnings found on HPD Priority lists					
POLYETHYLENE TEREPHTHALATE (PET)	25038-59-9	2.5 - 5.5 %	U	N	N	Primary Backing, Secondary Backing
None found	No warnings found on HPD Priority lists					
2-Propenoic acid, polymer with 1-propene	25214-24-8	0.04 - 0.17 %	U	N	N	Adhesive
None found	No warnings found on HPD Priority lists					

GLASS / MINERAL FIBER	65997-17-3	1 %	U	N	N	Stabilization Layer
None found	No warnings found on HPD Priority lists					
HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED	69430-35-9	0.04 - 1.7 %	U	N	N	Adhesive
None found	No warnings found on HPD Priority lists					
ZINC PYRITHIONE (ZPT)	13463-41-7	0.5 %	P1	N	N	Antimicrobial
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
stannane, dibutylthio-	4253-22-9	R	P1			Catalyst
MULTIPLE	VwVwS: Class 3 Severe 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	CRI Green Label Plus - Carpet			Carpet & Rug Institute (CRI)
	2nd party industry based certification	2014-01-01	2014-12-31	www.carpet-rug.org/commercial-customers/green-building-and-the-environment/green-label-plus/green-label-plus-carpet-list.cfm?ProductType=modular%20tile&IDNumber=41
	All			
VOC Content	N/A			
Recycled Content	Not tested			
Multi-attribute	MTS SMART Building Product Standard - Platinum (2006)			Institute for Market Transformation to Sustainability (MTS)
	3rd party independent certification	2014-02-18	2017-02-18	www.millikencarpet.com/en-US/sustainability/Documents/SMaRT%20CERTIFICATE.pdf#view=Fit
	Milliken Alma, Milliken DMS, Milliken Live Oak Plants			
Multi-attribute	California Gold Sustainable Carpet Standard - RETIRED - Gold - Superseded by ANSI/NSF 140-			State of California - Department of General Services

	2007e - Platinum			
	3rd party independent certification	2008-11-18	2014-12-31	www.millikencarpet.com/en-US/sustainability/Documents/Milliken_NSF140_ESTile_4S641-100.pdf#view=Fit
	Milliken Alma, DMS, and Live Oak Plants			
LCA	Environmental Product Declaration (EPD)			The Green Standard
	3rd party independent certification	2013-05-30	2018-05-29	productguide.ulenvironment.com/SearchResults.aspx?CertificationID=15&CategoryID=1&BrandID=1253
	All			
Chemicals of Concern	Declare - Red List Compliant			International Living Future Institute
	1st party manufacturer claim	2014-02-28	2015-03-01	declareproducts.com/content/modular-carpet-nylon-66-face-and-es-polyurethane-cushion-backing
	ALL			
Living Building Challenge (LBC)	Declare - Red List Compliant			International Living Future Institute
	1st party manufacturer claim	2014-02-28	2015-03-01	declareproducts.com/content/modular-carpet-nylon-66-face-and-es-polyurethane-cushion-backing
	ALL			
Management	ISO 14001			Underwriters Laboratory (UL)
	3rd party independent certification	2009-06-27	2015-06-26	www.millikencarpet.com/en-US/sustainability/Pages/Third-Party-Certification.aspx
	ALL			
		2012-01-06	2015-01-06	www.millikencarpet.com/en-US/sustainability/Pages/Third-Party-Certification.aspx
	Milliken Live Oak Plant			
		1996-04-10	2014-12-31	https://www.osha.gov/dcsp/vpp/sitebystate.html
	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	

NOTES