

Health Product Declaration

VPI Static Control Flooring Products

Class I, Type A: Monolithic, Smooth Surface Vinyl Tile

ASTM Designation: F1700 – 13a

Section 15, Volume 15.04



Defining What is Harmful and What is Not

There is little multi-organizational consolidation as to what chemicals used to produce tile, and at what levels, are harmful and what chemicals, at what levels are harmless. Currently, there are a vast number of agencies issuing hazard warnings for various specific topics. For example, the Association of Occupational and Environmental Clinics, Canadian Environmental Protection Agency, U.S. EPA, European Commission, World Health Organization, US Centers for Disease Control, National Institute of Occupational Safety and Health, MAK Commission of Germany, and the US Dept. of Health and Human Services, just to name a few, have all issued (on an on-going basis) hazard warnings.

Such issuances have helped to create a safer working environments and safer products for consumers. However, it is very difficult for any single manufacturer to stay current with all agencies. Therefore, VPI has adopted the hazard listing as communicated by the STATE OF CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY, OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT and the State's defining SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986, commonly referenced as Prop 65. The Act requires that the Governor of California revise and republish at least once per year the list of chemicals known to the State to **cause cancer or reproductive toxicity**.

It should be noted that, although the Act was put in place in 1986, the list of hazardous substances encompassed in the Act is updated every year. Because Prop 65 is seen by many as one of the most extensive and inclusive hazard material listings currently in force anywhere in the world, compliant products in an industry, such as flooring, where the vast majority are considered by the state of California to be hazardous demonstrates the manufacturer's focus on health standards and consumer safety.

Therefore, while VPI does not release specific information about the proprietary materials used to produce VPI tiles, none are used, or if used, are at levels not considered harmful as defined by (a) Prop 65 or by (b) the Safe Harbor provisions of Prop 65.

In summary and according to these two definitions, no materials used to produce VPI tiles are at levels known to cause cancer or reproductive toxicity.

Name **Electrostatic Control Tiles**

Product ID Conductile Classification CSI Masterformat: 09 65 36
 Website http://vpicorp.com/esd
 Manufacturer VPI Corporation Contact Name Harlan Reid
 Address 3123 South 9th St Title Director of Technical Services
 Address Line 2 Phone 920-451-5860
 City, State, Code Sheboygan, WI 53081 Email hcreid@vpicorp.com



Description Conductile is an electrostatic conductive floor tile, to be installed utilizing VPI-branded adhesives (VPI 150: a two-part epoxy OR VPI 165: a one-part waterborne acrylic). This document, however, only pertains to the actual Conductile product. Please, refer to the appropriate HPD for the adhesive to be used during the installation for more information.

Release Date 12-Jan-2015 Self-declared
 Expiry Date 11-Jan-2018 Second Party Certifier N/A
 HPD URL Third Party Certificate #

SUMMARY

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

Residuals Disclosure Full Disclosure of Intentional Ingredients Yes No
 Measured 100 ppm (ideal) Full Disclosure of Known Hazards Yes No
 Measured 1000 ppm Disclosure Notes
 Predicted by process chemistry While VPI does not release specific information about the proprietary materials used to produce VPI tiles, none are used, or if used, are at levels in the final product not considered harmful as defined by (a) Prop 65 or by (b) the Safe Harbor provisions of Prop 65. Additionally, the finished products emit 0 g/L VOCs, as tested by Berkeley Analytical.
 As per MSDS (1,000 & 10,000 ppm)
 Not disclosed
 Other

Contents in Descending Order of Quantity (if the area below is full, refer to the following pages for additional listings)

Hazards Highest concern GreenScreen score - no ingredients benchmarked
 PBT Development Neurotoxicity Land toxicity Multiple
(Persistent and Bioaccumulative Toxic) Reproductive Mammal Physical hazard Unknown
 Cancer Endocrine Skin or Eye Global warming
 Gene mutation Respiratory Aquatic toxicity Ozone depletion

Total VOC Content
 Material (g/l) Does the product contain exempt VOCs? N/A Yes No
 Regulatory (g/l) Are VOC-free tints available? N/A Yes No
 Content Notes

Certifications and Compliance (if the area below is full, refer to the following pages for additional listings)

VOC Emissions VOC Content

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

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

Ingredient Name	number	% 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						

CERTIFICATIONS AND COMPLIANCE

Certifying Party = Self declaration: Manufacturer's self-declaration; **Independent lab:** Manufacturer's self-declaration using results from an independent lab and declaration of conformance. **Second Party:** Verification by trade association or other interested party; **Third Party:** 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			Certification & Compliance Notes
VOC Emissions <i>(interior products only)</i>				
VOC Content <i>(wet applied only)</i>				
Recycled Content				
Other				
Other				
Other				
Other				
Other				
Other				
Other				
Other				
Other				

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	
01 VPI 150	
A two part epoxy adhesive specially engineered for use below grade (porous or non-porous) and /or with heavy load traffic or heavy static loads such as hospital beds.	
02 VPI 165	
A simple to use one part adhesive for use on or above grade. Can be used on porous or non-porous substrates in applications with light to medium traffic.	
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NOTES

Agency/List Abbreviation	Full List Title	Hazard Issuing Agency	URL
AOEC	AOEC Exposure Codes - Asthmagen List	Association of Occupational and Environmental Clinics	www.aoec.org/tools.htm
DSL	Canadian Environmental Protection Act (CEPA) - Environmental Registry - Domestic Substances List (DSL)	Environment Canada & Health Canada	www.ec.gc.ca/CEPARRegistry/subs_list/dsl/dslsearch.cfm
EPA Action	Chemicals of Concern Action Plans	US Environmental Protection Agency	www.epa.gov/oppt/existingchemicals/
EPA PBT	Priority PBT Profiles	US Environmental Protection Agency	www.epa.gov/opptintr/pbt/pubs/cheminfo.htm
EPA-C	Integrated Risk Information System Database (IRIS)	US Environmental Protection Agency	www.epa.gov/ncea/iris/search_human.htm
EPA-GW	Global Warming Potentials of Ozone Depletors and Substitutes	US Environmental Protection Agency	www.epa.gov/ozone/geninfo/gwps.html
EPA-ODS	Ozone-Depleting Substances (ODS) Class I & Class II	US Environmental Protection Agency	www.epa.gov/spdpublic/science/ods/index.html
EU CMR(1)	Regulation on the Classification, Labelling and Packaging of Substances and Mixtures (CLP) Dangerous Substances Directive (DSD) REACH Annex XVII	European Commission	eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2007:136:0003:0280:EN:PDF
EU CMR(2)	Regulation on the Classification, Labelling and Packaging of Substances and Mixtures (CLP) CMR GHS Categories	European Commission	http://ec.europa.eu/enterprise/sectors/chemicals/classification/index_en.htm
EU ED	EU Community Strategy for Endocrine Disrupters - Priority List	European Commission	ec.europa.eu/environment/endocrine/strategy/substances_en.htm
EU H-Statements	Regulation on the Classification, Labelling & Packaging of Substances & Mixtures (CLP) Annex 6 Table 3-1 - GHS Hazard code criteria	European Commission	ec.europa.eu/enterprise/sectors/chemicals/documents/classification/
EU Ozone	Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer - Controlled substances and new substances	European Commission	ec.europa.eu/environment/ozone/controlled_ods.htm
EU PBT	European chemical Substances Information System (ESIS) - PBT List	European Commission	esis.jrc.ec.europa.eu/index.php?PGM=pbt
EU R-Phrases	Substances with EU Risk & Safety Phrases (Commission Directive 67-548-EEC)	European Commission	ec.europa.eu/enterprise/sectors/chemicals/documents/classification/
EU SVHC	Substances of Very High Concern for authorisation - REACH Annex XIV	European Commission	echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp
G&L Neuro	Developmental neurotoxicity of industrial chemicals, List of 201 Chemicals known to be neurotoxic in man	Lancet: authors Philippe Grandjean & Phil Landrigan	not available
IARC	Monographs On the Evaluation of Carcinogenic Risks to Humans	International Agency for Research on Cancer, World Health Organization	monographs.iarc.fr/ENG/Classification/index.php
MAK	Occupational Toxicants and MAK Values: Annual Thresholds and Classifications for the Workplace	MAK Commission of Germany	http://www.dfg.de/en/dfg_profile/statutory_bodies/senate/health_hazards/structure/working_groups/derivation_mak/index.html
NIOSH-C	NIOSH Carcinogen List	US Centers for Disease Control, National Institute of Occupational Safety and Health	www.cdc.gov/niosh/topics/cancer/npotocca.html

Agency/List Abbreviation	Full List Title	Hazard Issuing Agency	URL
NTP-OHAaT	Expert Panel Reports & Monographs on Reproductive and Developmental Toxicity	US Dept of Health & Human Services, National Toxicology Program (NTP), Office of Health Assessment and Translation	cerhr.niehs.nih.gov/chemicals
NTP-RoC	National Toxicology Program (NTP) 12th Report on Carcinogens	US Dept of Health & Human Services	ehis.niehs.nih.gov/roc
NWMP Priority	National Waste Minimization Program Priority Chemicals List	US Environmental Protection Agency	www.epa.gov/epawaste/hazard/wastemin/priority.htm
OR P3	Priority Persistent Pollutant (P3) List	State of Oregon Department of Environmental Quality	www.deq.state.or.us/wq/SB737
OSPAR	OSPAR Convention For The Protection of the Marine Environment of the North-East Atlantic Chemical Lists of Priority Action & Possible Concern	Oslo-Paris Convention Commission	www.ospar.org/content/content.asp?menu=00940304440000_000000_000000
Prop 65	Chemicals Known to the State to Cause Cancer or Reproductive Toxicity - California Proposition 65	State of California Environmental Protection Agency	www.oehha.ca.gov/prop65/prop65_list/Newlist.html
San Antonio	San Antonio Statement on Brominated and Chlorinated Flame Retardants	Environmental Health Perspectives	ehp03.niehs.nih.gov/article/info:doi/10.1289/ehp.1003089
SIN	SIN (Substitute It Now) List	ChemSec, The International Chemical Secretariat	www.chemsec.org/list
Stockholm	Stockholm Convention on Persistent Organic Pollutants (POPs) - Annex A, B & C and under Review	United Nations Environment Programme	chm.pops.int/Convention/ThePOPs/tabid/673/language/en-US/Default.aspx
TEDX	TEDX List of Potential Endocrine Disruptors	The Endocrine Disruption Exchange (TEDX)	www.endocrinedisruption.org
TRI PBT	TRI PBT Chemical List	US Environmental Protection Agency	www.epa.gov/triinter/trichemicals/pbt%20chemicals/pbt_chem_list.htm
VwVwS	Administrative Regulation on the Classification of Substances hazardous to waters	German Federal Environment Agency	webrigoletto.uba.de/rigoletto/public/language.do;jsessionid=61D845CE75D839F7658BF283C97DA7E2?language=english
WA PBT	Chapter 173-333 WAC Persistent Bioaccumulative Toxins	State of Washington Department of Ecology	apps.leg.wa.gov/WAC/default.aspx?cite=173-333-310