

Name **Zodiaq® Quartz Surfaces**



Product ID MSDS 13000000849 Classification 12 36 61.00 Furnishings:
Simulated Stone Countertops

Website www.zodiaq.com

Manufacturer E.I. du Pont de Nemours and Company Contact Name Mike Fileti
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Description DuPont™ Zodiaq® Quartz Surface materials are comprised of reacted monomers and resins, natural quartz particles, and colorants, and are manufactured in the form of slabs in various gauges. Exposure to any hazards associated with the inputs mentioned are not present in the finished form of Zodiaq®. The ingredients listed which trigger the associated cancer hazard are inert within the finished form of Zodiaq®.

*Additional product classifications include: 06 61 19 Quartz Surfacing Fabrications, 10 21 13 Toilet Compartments, and 09 75 00 Stone Facing.

Release Date 2014-09-10 Self-declared
Expiry Date 2017-09-10 Second Party **Certifier**
HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/270/1484-20140910123119.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

QUARTZ , Silica, Christobalite , Undisclosed (Non-regulated ingredients)

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 GreenGuard - Gold (previously Children & Schools) **VOC Content** N/A

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						
QUARTZ	14808-60-7	80 - 95 %	LT-1	U	N	Filler
CANCER	IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)					
Silica, Cristobalite	14464-46-1	0 - 100 %	LT-1	N	N	Filler
CANCER	NIOSH-C: Occupational carcinogen (also in MAK, IARC, NTP-RoC, Prop 65)					
The percent by weight is proprietary information.						
Undisclosed (Non-regulated ingredients)	Unknown	0 - 10 %		N	N	Multiple
Unknown	Not disclosed					
This content represents multiple proprietary ingredients including colorants and resin.						

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	GreenGuard - Gold (previously Children & Schools)			GreenGuard Environmental Institute (GEI)
	3rd party independent certification	2006-11-07	2014-11-07	productguide.ulenvironment.com/ProductDetail.aspx?productID=3146&CertificationID=2&BrandID=443
	All			
	For the most up to date certification information refer to the website link provided.			
VOC Content	N/A			
Recycled Content	Not tested			
		2013-12-01	2014-12-01	productguide.ulenvironment.com/ProductDetail.aspx?productID=42662&CertificationID=17&BrandID=443
	All			
	Mold Resistant per Environmental Claim Validation UL 2824. For the most up to date certification information refer to the website link provided.			

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	
DuPont™ Surfaces Sealant (VOC 33.00 g/L)	
DuPont™ Surfaces Sealant is a one-part silicone rubber specially formulated for use with DuPont™ Corian® and DuPont™ Zodiaq® surfacing material. DuPont™ Surfaces Sealant may be used to fasten and seal side- and backsplashes to vanities and kitchen countertops; to seal sheets and strips for shower and bathtub surrounds; to fasten and seal windowsills.	
DuPont™ Corian® Acrylic Solid Surface	
DuPont™ Corian® Acrylic Solid Surface is a solid, nonporous, homogeneous material, composed of acrylic resin and natural minerals. In its finished form Corian® Solid Surface Material is an article, is nontoxic and non-allergic to humans, and is third-party certified to be free of heavy metals. *Additional product classifications include: 066116 Solid Surface Fabrications, 102113 Toilet Compartments, and 123661 Solid Surfacing Countertops.	
DuPont™ Joint Adhesive (VOC 5.00 g/L)	
DuPont™ Joint Adhesive is comprised of Component A and Component B. DuPont™ Joint Adhesive for use with quartz and solid surfaces is produced in a range of specific colors to match with DuPont Corian® and Zodiaq® surfaces. Color-coordinated DuPont™ Joint Adhesive bonds DuPont™ Corian® solid surface with inconspicuous seams. This results in a smooth surface that enables you to create large designs fashioned from a single element.	

NOTES

The content listed within this HPD is as per the United States MSDS. Zodiac(R) Quartz Surfaces is also certified Mold Resistant per Environmental Claim Validation UL 2824. See the "Data Source Documents" section for a link to the certification.