

Name DuPont™ Joint Adhesive



Product ID Classification 07 92 00.00 Thermal and Moisture Protection (insulation water barrier): Joint Sealants

Website www.corian.com

Manufacturer E.I. du Pont de Nemours and Company Contact Name Zarah Panaguiton Title Product Technical Specialist

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Description 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 sheets of DuPont™ Corian® Solid Surface with inconspicuous seams. This results in a smooth continuous surface which enables you to create large designs fashioned from a single element.

Release Date 2014-12-02 Expiry Date 2017-12-02 HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/270/2352-20141202164415.pdf> Self-declared Second Party Third Party Certifier 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

Undisclosed (Mixture of Benzoate Esters) , Undisclosed (Methyl Methacrylate) , 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate , Undisclosed (Aluminum trihydrate) , POLYVINYL ACETATE (PVA) , FUMED SILICA, CRYSTALLINE-FREE , 1,1,1-TRIMETHYLOLPROPANE TRIMETHACRYLATE , Undisclosed (Dibenzoyl peroxide) , FUMED SILICA, CRYSTALLINE-FREE , Undisclosed (Pigments)

Hazards PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation Development Reproductive Endocrine Respiratory Highest concern GreenScreen score - List Translator Possible 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) 5.00 Regulatory (g/L) 5.00 Does the product contain exempt VOCs? N/A Yes No Are there VOC-free tints available? N/A Yes No

Notes

Certifications + Compliance

VOC Emissions GreenGuard - Gold (previously Children & Schools) VOC Content Not tested

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 | | | | | | |
| Undisclosed (Mixture of Benzoate Esters) | Unknown | 75 - 95 % | | N | N | Stabilizer |
| Unknown | Not disclosed | | | | | |
| This ingredient is part of component B of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component B. The specific identity of this component is proprietary information. | | | | | | |
| Undisclosed (Methyl Methacrylate) | Unknown | 35 - 55 % | | N | N | Polymerizable acrylic resin |
| Unknown | Not disclosed | | | | | |
| This ingredient is part of component A of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component A. The relevant toxicological information for Methyl Methacrylate, according to the GHS, is as follows: skin irritation, irritation to the respiratory system, and nasal irritation after repeated dose toxicity. The CAS# for the ingredient above is 80-62-6. | | | | | | |
| 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate | 9010-88-2 | 20 - 40 % | LT-U | N | N | Thickening agent |
| None found | No warnings found on HPD Priority lists | | | | | |
| This ingredient is part of component A of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component A. | | | | | | |
| Undisclosed (Aluminum trihydrate) | Unknown | 10 - 40 % | | N | N | Filler |
| Unknown | Not disclosed | | | | | |
| This ingredient is part of component A of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component A. According to the GHS, there are no hazards associated with this chemical compound. The CAS# for the ingredient above is 21645-51-2. | | | | | | |

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|--|---|----------|-------|---|---|---------------------|
| POLYVINYL ACETATE (PVA) | 9003-20-7 | 5 - 20 % | LT-U | N | N | Thickening agent |
| None found | No warnings found on HPD Priority lists | | | | | |
| This ingredient is part of component B of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component B. | | | | | | |
| FUMED SILICA, CRYSTALLINE-FREE | 112945-52-5 | 1 - 10 % | LT-U | N | N | Thickening agent |
| None found | No warnings found on HPD Priority lists | | | | | |
| This ingredient is part of component B of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component B. | | | | | | |
| 1,1,1-TRIMETHYLOLPROPANE TRIMETHACRYLATE | 3290-92-4 | 0 - 5 % | LT-P1 | N | N | Cross-linking agent |
| MULTIPLE | VwWwS: Class 2 Hazard to Waters | | | | | |
| This ingredient is part of component A of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component A. | | | | | | |
| Undisclosed (Dibenzoyl peroxide) | Unknown | 0 - 5 % | | N | N | Initiator |
| Unknown | Not disclosed | | | | | |
| This ingredient is part of component B of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component B. The relevant toxicological information for Dibenzoyl peroxide, according to the GHS, is as follows: possible skin irritation, possible eye irritation, possible irritation to the nose, throat, and lung if inhaled, if ingested it could cause weakening of cardiovascular system, and could effect the upper respiratory tract and testes. The CAS# for the ingredient above is 94-36-0. | | | | | | |
| FUMED SILICA, CRYSTALLINE-FREE | 112945-52-5 | 0 - 5 % | LT-U | N | N | Thickening agent |
| None found | No warnings found on HPD Priority lists | | | | | |
| This ingredient is part of component A of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component A. | | | | | | |
| Undisclosed (Pigments) | Unknown | 0 - 1 % | | N | N | Colorant |
| Unknown | Not disclosed | | | | | |
| This ingredient is part of component A of DuPont™ Joint Adhesive. The percent by weight listed above is for this ingredient in component A. Pigments could be many ingredients, including Titanium Dioxide (CAS# 13463-67-7). | | | | | | |

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 | 2015-11-07 | productguide.ulenvironment.com/ProductDetail.aspx?productID=3151&CertificationID=2&BrandID=443 |
| | All | | | |
| | For the most up to date certification information refer to the website link provided. | | | |

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|------------------|------------|--|--|
| VOC Content | Not tested | | |
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| | | | |
| Recycled Content | Not tested | | |
| | | | |
| | | | |
| Other | | | |
| | | | |
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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. | |
| Zodiaq® Quartz Surfaces | |
| Zodiaq® quartz surface brings the best of nature and science to the best of contemporary residential and commercial design. The sparkling crystal within Zodiaq® quartz surfaces balances stunning light-play with mesmerizing depth. Long-lasting and GREENGUARD Certified® as a low-emitting material, Zodiaq® surfaces are a high-performance material, delivering strength, and heat and scratch resistance. | |
| 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. | |

NOTES

The content listed within this HPD is as per the United States MSDS.