DuPont Surfaces

VOLATILE ORGANIC COMPOUND (VOC) CONTENT OF CORIAN® PRODUCTS

In an effort to improve indoor air quality, a number of states have established guidelines and regulations related to the volatile organic compound (VOC) content of construction materials. Recommended strategies to reduce exposure to VOCs include evaluation and selection of low-VOC-impact building materials, including consideration of material emissions after installation.

DuPont™ Corian® Solid Surfaces, Corian® Solid Surfaces Joint Adhesive, and DuPont Surfaces Sealant for Corian® all have low VOC content, and have been proven to be some of the safest surfacing materials for over 30 years. Corian® solid surfaces are made from high quality acrylic ingredients, and produced in several manufacturing facilities around the world. Once the ingredients of Corian® are fully reacted (polymerized) in the manufacturing process, they become a chemically stable solid surfacing material with minimal impact on indoor air quality, making Corian® a ideal surface for use in countertops, wall cladding, sinks and a wide variety of other applications.

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The volatile organic content (VOC) of Corian® Solid Surface, cured Corian® Solid Surfaces Joint Adhesive and cured DuPont Surfaces Sealant for Corian® was determined by method ASTM D-5116 (Small Scale Environmental Chamber Determination of Organic Emissions from Indoor Materials and Products). In addition, Corian® has been measured against the indoor air quality guidelines published by Greenguard Environmental Institute, California's Special Environmental Requirements Specification Section 01350, and California's Collaborative for High Performance Schools (CHPS)—used to calculate a material's contribution to indoor air quality after installation.

In all cases, Corian® Solid Surface material, Corian® Solid Surfaces Joint Adhesive and DuPont Surfaces Sealant for Corian® surpass the indoor air quality (IAQ) requirements of these guidelines and can be considered low-emitting materials.

Low level VOC emissions from Corian® Solid Surfaces, Corian® Solid Surfaces Joint Adhesive, and DuPont Surfaces Sealant for Corian® have been carefully reviewed, and none of the emissions found have been cited by any of the following organizations:

IARC	(International Agency for Research on Cancer)
NTP	(National Toxicology Program)
OSHA	(Occupational Safety & Health Administration)
NIOSH	(National Institute for Occupational Safety and Health)
ACGIH	(American Conference of Governmental Industrial Hygienists)
CA Prop. 65	(California Safe Drinking Water and Toxic Enforcement Act of 1986, better known by its original name of Proposition 65).
CA OEHHA	(California Office of Environmental Health Hazard Assessment)
NAAQS	(U.S. Environmental Protection Agency (EPA) National Ambient Air Quality Standards)

Additionally, the U.S. Green Building Council's LEED Green Building Rating System cites South Coast Air Quality Management District Rule 1168 and Bay Area Air Quality Management District (AQMD) Regulation 8, Rule 51 as requirements for LEED credits. Corian® Solid Surfaces Joint Adhesive and DuPont Surfaces Sealant for Corian® fall well below the AQMD requirements, and can be considered low-emitting materials.

Additional information regarding Corian® Solid Surface, Corian® Solid Surfaces Joint Adhesive and DuPont Surfaces Sealant for Corian® can be obtained by calling 1-800-436-6072.

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