

**Corian® Endura™ 12mm**

Version 2.0

Issue Date : 11/17/2020 Ref. 130000153416
Revision Date : 06/04/2020

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Corian® Endura™ 12mm
Product Use : sheets/slabs, For professional users only.

Restrictions on use : Do not use product for anything outside of the above specified uses.
Manufacturer/Supplier : DuPont
974 Centre Road
Wilmington, Delaware 19805

Product Information : 1-302-996-8439
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)
Transport Emergency : +1-800-424-9300 (outside the U.S. & Canada +1-703-527-3887)

Importer/Distributor : DuPont
Experimental Station, Route 141, Henry Clay
Wilmington, DE 19805, USA

SECTION 2. HAZARDS IDENTIFICATION

Product hazard category
Combustible dust

Label content

Pictogram : not required

Signal word : Danger

Hazardous warnings : May form combustible dust concentrations in air.

Hazardous prevention measures : not required

Other hazards

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The product as such is not hazardous.

The hazards of this product are associated mainly with its processing.

Operations such as sawing, routing, drilling and sanding can generate dust.

Dust generated during handling of porcelain products can contain particles of crystalline silica (quartz).

Overexposure to airborne quartz can cause silicosis.

If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Quartz	14808-60-7	20 - 30 %
Non regulated ingredients		70 - 80 %

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

General advice : No applicable data available.

Inhalation : If inhaled, remove to fresh air.

Skin contact : Wash with water and soap as a precaution.

Eye contact : Rinse cautiously with water for several minutes. Keep the eyes open and rinse slowly and carefully with room temperature water.

Ingestion : Do not induce vomiting. Drink water. Call physician immediately.

Most important symptoms/effects, acute and delayed : No applicable data available.

Protection of first-aiders

: No applicable data available.

Notes to physician

: Consult a physician. If possible, show doctor instructions for use.

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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : The product itself does not burn., Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : No applicable data available.
- Specific hazards : No applicable data available.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : No applicable data available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Wear respiratory protection.
- Environmental precautions : No applicable data available.
- Spill Cleanup : Sweep and collect the leakage in a sealed container.
- Accidental Release Measures : No applicable data available.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid dust formation. Handling and processing operations should be conducted in accordance with best practices (e.g.NFPA-654). Wear suitable protective clothing, gloves and eye/face protection.
- Handling (Physical Aspects) : No applicable data available.
- Dust explosion class : No applicable data available.
- Storage : none



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Storage period : No applicable data available.
 Storage temperature : No applicable data available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment
 Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
 Hand protection : Material: Protective gloves
 Eye protection : Wear safety glasses.
 Skin and body protection : Wear suitable protective equipment.

Exposure Guidelines
 Exposure Limit Values

Quartz			
PEL (Permissible Exposure Limit)	(OSHA)	0.05 mg/m3	8 hr. TWA Respirable dust
PEL (Permissible Exposure Limit)	(OSHA)	10 mg/m3 / %SiO2+2	TWA respirable
PEL (Permissible Exposure Limit)	(OSHA)	250 mppcf / %SiO2+5	TWA respirable
PEL (Permissible Exposure Limit)	(OSHA)	0.1 mg/m3	TWA respirable dust fraction
TLV	(ACGIH)	0.025 mg/m3	TWA Respirable particulate matter Silica
REL	(NIOSH)	0.05 mg/m3	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek Respirable dust Silica
AEL *	(DuPont)	0.01 mg/m3	12 hr. TWA Respirable dust.
AEL *	(DuPont)	0.02 mg/m3	8 hr. TWA Respirable dust.

Non regulated ingredients

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No applicable data available.

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state : solid
Form : solid
Color : No applicable data available.

Odor : odourless

Odor threshold : No applicable data available.

pH : Not applicable

Melting point/freezing point : Melting point/range
> 1,300 °C (2,372 °F)

Boiling point/boiling range : Not applicable

Flash point : Not applicable

Evaporation rate : No applicable data available.

Flammability (solid, gas) : May form combustible dust concentrations in air.

Upper explosion limit : No applicable data available.

Lower explosion limit : No applicable data available.

Vapour Pressure : No applicable data available.

Vapour density : No applicable data available.

Density : 2.4 - 2.5 g/cm³

Specific gravity (Relative density) : No applicable data available.

Water solubility : insoluble

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Solubility(ies) : No applicable data available.
Partition coefficient: n-octanol/water : No applicable data available.
Auto-ignition temperature : No applicable data available.
Decomposition temperature : No applicable data available.
Viscosity, kinematic : No applicable data available.
Viscosity, dynamic : No applicable data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.
Chemical stability : Stable at normal temperatures and storage conditions.
Possibility of hazardous reactions : None.
Conditions to avoid : No applicable data available.
Incompatible materials : no incompatible
Hazardous decomposition products : No materials to be especially mentioned.

SECTION 11. TOXICOLOGICAL INFORMATION

Quartz

Oral LD50 : > 11,000 mg/kg , Rat
Skin irritation : No skin irritation, Rabbit
Eye irritation : Slight or no eye irritation, Rabbit
Minimal effects that do not meet the threshold for classification.
Skin sensitization : Does not cause skin sensitisation., Guinea pig
Repeated dose toxicity : Inhalation
multiple species
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Carcinogenicity : dust/mist
 LOAEL: 0.002 mg/l
 Target Organs: Lungs
 Human carcinogen.
 An increased risk of cancer in humans has been shown in workplace-based studies.

Mutagenicity : Genetic damage in cultured mammalian cells was observed in some laboratory tests but not in others.
 Genetic damage in animals was observed in some laboratory tests but not in others.

Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

Material	IARC	NTP	OSHA
Kaolin	1	X	
Quartz	1	X	
Silicon dioxide, amorphous	1	X	
Titanium dioxide	2B		

SECTION 12. ECOLOGICAL INFORMATION
Environmental Fate
Quartz

Biodegradability : Not biodegradable
 Not applicable

Bioaccumulation : Not applicable



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SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods - Product : Can be landfilled or incinerated, when in compliance with local regulations.
 Contaminated packaging : Empty containers should be taken to local recyclers for disposal.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA : In compliance with TSCA-active Inventory requirements for commercial purposes.

SARA 311/312 Hazard classification : Combustible dust

SARA 313 Regulated Chemical(s) : The following components are subject to reporting levels established by SARA Title III, Section 313: Aluminum oxide

PA Right to Know Regulated Chemical(s) : Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Kaolin, Quartz, Aluminum oxide, Silicon dioxide, amorphous, Hydrofluoric acid...%

NJ Right to Know Regulated Chemical(s) : Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Kaolin, Quartz, Aluminum oxide

California Prop. 65 : This product can expose you to substances including Quartz, which is/are

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known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16. OTHER INFORMATION

Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications and DuPont CAUTION Regarding Medical Applications.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



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Components: Quartz, CAS No. 14808-60-7; Non regulated ingredients

Danger

Hazard statements: May form combustible dust concentrations in air.

Supplemental information: The product as such is not hazardous. The hazards of this product are associated mainly with its processing. Operations such as sawing, routing, drilling and sanding can generate dust. Dust generated during handling of porcelain products can contain particles of crystalline silica (quartz). Overexposure to airborne quartz can cause silicosis. If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

Refer to Safety Data Sheet (SDS) for further information.

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