

**Corian® Endura™ 12mm**

Version 2.0

Issue Date : 06/14/2022 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.



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Storage : none  
 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

<b>Quartz</b>			
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.

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**Non regulated ingredients**

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/cm<sup>3</sup>

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

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Water solubility : insoluble  
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



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multiple species  
 -  
 dust/mist  
 LOAEL: 0.002 mg/l  
 Target Organs: Lungs

Carcinogenicity : 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](http://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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**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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974 Centre Road  
Wilmington, Delaware 19805

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