

**Corian® Solid Surface**

Version 2.2

Issue Date : 11/17/2020 Ref. 150000004173  
Revision Date : 04/27/2020

This document is for information only, provided voluntarily and not subsequent to regulatory requirement.

**PRODUCT AND CONTACT INFORMATION****Product identifier**

Product name : Corian® Solid Surface  
Company : EIDCA Specialty Products Company  
PO Box 2200 Streetsville  
Mississauga, ON  
L5M 2H3  
Canada  
Telephone : 1-800-387-2122

**Emergency telephone number**

Emergency contact : 1-800-441-3637 (24 hours)

**HAZARDS IDENTIFICATION**

## Emergency Overview

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. **WARNING!** May form combustible dust concentrations in air (during processing). High concentrations of dust can irritate eyes, nose and respiratory system and cause coughing and sneezing. Corian® Solid Surface does not emit gas at room temperature. At higher temperatures, small amounts of methyl methacrylate and butyl acrylate can be released. The amounts are dependent upon temperature, time and other variables. Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled.

**Physical and chemical properties**

Form : solid  
Color : various  
Odor : odourless  
Vapour Pressure : Not applicable  
Density : 1.6 - 1.8 g/cm<sup>3</sup>  
Water solubility : insoluble  
Partition coefficient: n-octanol/water : Not applicable  
Viscosity, kinematic : Not applicable  
Vapour density : Not applicable

**Stability and reactivity**

Conditions to avoid : None reasonably foreseeable. Stable under normal conditions.



## Corian® Solid Surface

Version 2.2

Issue Date : 11/17/2020

Ref. 150000004173

Revision Date : 04/27/2020

Hazardous decomposition products : Methyl methacrylate monomer, n-Butyl acrylate

Hazardous reactions : No applicable data available.

### INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Solid Surface		100 %

Exposure limits may be applicable for the following :

Dust (inhalable and respirable fraction)		
Methyl methacrylate	80-62-6	
Butyl acrylate	141-32-2	

### FIRST AID MEASURES

#### Description of first aid measures

- Inhalation : If large amounts of dust are inhaled, or if exposed to fumes from overheating or combustion, move to fresh air.
- Skin contact : No hazards which require special first aid measures.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids.
- Ingestion : No hazards which require special first aid measures.



## **Corian® Solid Surface**

Version 2.2

Issue Date : 11/17/2020  
Revision Date : 04/27/2020

Ref. 150000004173

### **FIREFIGHTING MEASURES**

#### **Extinguishing media**

Suitable extinguishing media : Water spray, Dry chemical, Carbon dioxide (CO<sub>2</sub>), Foam

#### **Special hazards arising from the article**

Specific hazards during firefighting : Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Hazardous combustion products Carbon monoxide Carbon dioxide (CO<sub>2</sub>)  
Methyl methacrylate monomer Aldehydes

### **ACCIDENTAL RELEASE MEASURES**

#### **Personal precautions, protective equipment and emergency procedures**

Personal precautions : No special precautions required.

#### **Environmental precautions**



## **Corian® Solid Surface**

Version 2.2

Issue Date : 11/17/2020 Ref. 150000004173  
Revision Date : 04/27/2020

Environmental precautions : No special environmental precautions required.

### **Methods and materials for containment and cleaning up**

Methods for cleaning up : Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration., Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air)., Non-sparking tools should be used.

## **HANDLING AND STORAGE**

### **Precautions for safe handling**

Advice on safe handling : Do not breathe dust. Do not breathe vapours or fumes that may be evolved during processing. Wash hands before breaks and at the end of workday. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.



**Corian® Solid Surface**

Version 2.2

Issue Date : 11/17/2020 Ref. 150000004173  
 Revision Date : 04/27/2020

**Conditions for safe storage, including any incompatibilities**

Requirements for storage : No special storage conditions required.  
 areas and containers

**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls : It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required. Dust safety masks are recommended when the dust concentration is more than 10 mg/m3.

Hand protection : Additional protection: Wear gloves suitable for the task being performed. Leather gloves or a suitable alternative should be worn when handling solid surface. Chemical resistant gloves should be used when handling chemicals. One exception is the use of rotating equipment, where gloves could be caught on the equipment.

Eye protection : Safety glasses

Exposure Guidelines  
 Exposure Limit Values

<b>Solid Surface</b>
No applicable data available.

<b>Dust (inhalable and respirable fraction)</b>
---



## Corian® Solid Surface

Version 2.2

Issue Date : 11/17/2020

Ref. 150000004173

Revision Date : 04/27/2020

TLV	(ACGIH)	3 mg/m <sup>3</sup>	8-hour, time-weighted average Respirable particulate matter
TLV	(ACGIH)	10 mg/m <sup>3</sup>	8-hour, time-weighted average Inhalable particulate matter

### Methyl methacrylate

TLV	(ACGIH)	50 ppm	8-hour, time-weighted average
TLV	(ACGIH)	100 ppm	Short-term exposure limit

### Butyl acrylate

TLV	(ACGIH)	2 ppm	8-hour, time-weighted average
AEL *	(DuPont)	2 ppm	8 & 12 hr. TWA

\* 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.

## DISPOSAL CONSIDERATIONS

### Waste treatment methods

Product : Can be landfilled or incinerated, when in compliance with local regulations.

## REGULATORY INFORMATION

Product meets the definition of an article as defined by CEPA and is therefore exempt from CEPA inventory requirements.

## OTHER INFORMATION

### Restrictions on use



## **Corian® Solid Surface**

Version 2.2

Issue Date : 11/17/2020

Ref. 150000004173

Revision Date : 04/27/2020

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.

### **Further information**

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

Before use read DuPont's safety information.

The DuPont Oval Logo, DuPont™ and all products denoted with ® or ™ are trademarks or registered trademarks of affiliates of DuPont de Nemours, Inc.

The information provided in this Article Information 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.