

**Corian® Solid Surface Material**

Version 2.0

Revision Date 04/13/2011

Ref. 130000000804

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

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Corian® Solid Surface Material  
MSDS Number : 130000000804

Importer/Distributor : DuPont  
1007 Market Street  
Wilmington, DE 19898

Telephone : 1-800-441-7515 (outside the U.S. 1-302-774-1000)

**SECTION 2. 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. Dust may form explosive mixture in air. High concentrations of dust can irritate eyes, nose and respiratory system and cause coughing and sneezing. Corian® Solid Surface material 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.

**Potential Health Effects**

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.

Carcinogenicity Material	IARC	OSHA	ACGIH
Titanium dioxide	2B		
Carbon black	2B		

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No.	Concentration
Solid Surface Material		100 %

Exposure limits may be applicable for the following :

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

**SECTION 4. FIRST AID MEASURES**

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

**SECTION 5. FIRE-FIGHTING MEASURES**

- Flammable Properties
- Flash point : not applicable



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Fire and Explosion Hazard : Dust may form explosive mixture in air.  
Hazardous combustion products Carbon monoxide Carbon dioxide (CO2)  
Methyl methacrylate monomer Aldehydes Butyl acrylate

Suitable extinguishing media : Water spray, Dry chemical, Carbon dioxide (CO2), Foam

**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) : No special precautions required.

Spill Cleanup : Avoid dust formation. Spills of fine material should be cleaned using gentle sweeping or vacuuming. Cleaning methods (e.g. compressed air) which can generate potentially combustible dust clouds should not be used.

Accidental Release Measures : No special environmental precautions required.

**SECTION 7. HANDLING AND STORAGE**

Handling (Personnel) : Do not breathe dust. Do not breathe vapours or fumes that may be evolved during processing. Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid significant deposits of material which may become airborne and form combustible dust clouds.  
Wash hands before breaks and at the end of workday.

Storage : No special storage conditions required.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering controls : Ensure adequate ventilation. Provide for appropriate exhaust ventilation and dust collection at machinery.

Personal protective equipment  
Respiratory protection : No personal respiratory protective equipment normally required. Dust safety



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masks are recommended when the dust concentration is more than 10 mg/m<sup>3</sup>.

Hand protection : Additional protection: Wear leather or cotton gloves when grinding, sawing, routing, drilling or sanding.

Eye protection : Safety glasses

### Exposure Guidelines

#### Exposure Limit Values

Dust (inhalable and respirable fraction)

TLV	(ACGIH)	3 mg/m <sup>3</sup>	TWA	Respirable particles.
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TLV	(ACGIH)	10 mg/m <sup>3</sup>	TWA	Inhalable particles.
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Methyl methacrylate

TLV	(ACGIH)	100 ppm	STEL	
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TLV	(ACGIH)	50 ppm	TWA	
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Butyl acrylate

TLV	(ACGIH)	2 ppm	TWA	
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AEL *	(DUPONT)	2 ppm	8 & 12 hr. TWA, Skin	
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\* 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

Form	: solid
Color	: various
Odor	: odourless
Density	: 1.6 - 1.8 g/cm <sup>3</sup>
Water solubility	: insoluble



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**SECTION 10. STABILITY AND REACTIVITY**

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

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

**SECTION 11. TOXICOLOGICAL INFORMATION**

Corian® Solid Surface Material  
Further information : This product has no known adverse effect on human health.

**SECTION 12. ECOLOGICAL INFORMATION**

Additional ecological information : This product has no known eco-toxicological effects.

**SECTION 13. DISPOSAL CONSIDERATIONS**

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

**SECTION 14. TRANSPORT INFORMATION**

Not classified as dangerous in the meaning of transport regulations.

**SECTION 15. REGULATORY INFORMATION**

TSCA Status : On the inventory, or in compliance with the inventory  
DSL Status : This product contains one or several components listed in the Canadian NDSL list.



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WHMIS Classification : - Not WHMIS controlled.

**SECTION 16. OTHER INFORMATION**

MSDS preparation date : 04/13/2011

Corian is a registered trademark of E. I. duPont de Nemours and Company  
Before use read DuPont's safety information.

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.

Significant change from previous version is denoted with a double bar.