

**Corian® Solid Surface Material**

Version 2.3

Revision Date 14.08.2008

Ref. 13000000804

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

1. IDENTIFICATION OF THE ARTICLE AND THE COMPANY/UNDERTAKING**Product information**

Product name : Corian® Solid Surface Material

Company : Du Pont de Nemours (Belgium) BVBA
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B-9130 Kallo
Belgium

Telephone : +32-15-473.277

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E-mail address : sds_support@che.dupont.com

2. HAZARDS IDENTIFICATION

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.
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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the article : Mineral-filled polymethylmethacrylate.

4. 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.

5. FIRE-FIGHTING MEASURES



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

Specific hazards during fire fighting : Hazardous combustion products Carbon monoxide Carbon dioxide (CO₂)
Methyl methacrylate monomer Butyl acrylate Aldehydes

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : No special precautions required.

Environmental precautions : No special environmental precautions required.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : 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.

Storage

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Type Form of exposure	Control parameters	Update	Basis
Dust (inhalable and respirable fraction)		TWA Inhalable dust.	10 mg/m ³	2005	EH40 WEL
		TWA Respirable dust.	4 mg/m ³	2005	EH40 WEL

Engineering measures

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 masks are recommended when the dust concentration is more than 10 mg/m³.

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

Eye protection : Safety glasses

Hygiene measures : Wash hands before breaks and at the end of workday.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	solid,
Colour	:	various,
Odour	:	odourless,
Flash point	:	not applicable
Density	:	1,6 - 1,8 g/cm ³
Water solubility	:	, insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid	:	None reasonably foreseeable. Stable under normal conditions.
Hazardous decomposition products	:	Hazardous thermal decomposition products: Methyl methacrylate monomer, n-Butyl acrylate

11. TOXICOLOGICAL INFORMATION

Further information	:	This product has no known adverse effect on human health.
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12. ECOLOGICAL INFORMATION**Further information on ecology**

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

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

Further information	:	Not classified as dangerous in the meaning of transport regulations.
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15. REGULATORY INFORMATION**Labelling according to EC Directives**

The product is an article and is not subject of Directive 67/548/EEC or Directive 1999/45/EC.



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16. OTHER INFORMATION

Further information

Before use read DuPont's safety information.

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

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 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.