

**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/m³.

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 ³ | TWA | Respirable particles. |
|-----|---------|---------------------|-----|-----------------------|

| | | | | |
|-----|---------|----------------------|-----|----------------------|
| TLV | (ACGIH) | 10 mg/m ³ | TWA | Inhalable particles. |
|-----|---------|----------------------|-----|----------------------|

Methyl methacrylate

| | | | | |
|-----|---------|---------|------|--|
| TLV | (ACGIH) | 100 ppm | STEL | |
|-----|---------|---------|------|--|

| | | | | |
|-----|---------|--------|-----|--|
| TLV | (ACGIH) | 50 ppm | TWA | |
|-----|---------|--------|-----|--|

Butyl acrylate

| | | | | |
|-----|---------|-------|-----|--|
| TLV | (ACGIH) | 2 ppm | TWA | |
|-----|---------|-------|-----|--|

| | | | | |
|-------|----------|-------|----------------------|--|
| AEL * | (DUPONT) | 2 ppm | 8 & 12 hr. TWA, Skin | |
|-------|----------|-------|----------------------|--|

* 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 ³ |
| 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.

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