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 Material
- **Company**: DuPont Building Innovations
  974 Centre Road
  Wilmington, Delaware 19805
- **Telephone**: 1-302-774-1000

**Emergency telephone number**
- **Emergency contact**: 1-800-441-3637 (outside the U.S. 1-302-774-1139)

**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 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.

**Physical and chemical properties**
- **Form**: solid
- **Color**: various
- **Odor**: odourless
- **Density**: 1.6 - 1.8 g/cm³
- **Water solubility**: insoluble

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

INFORMATION ON INGREDIENTS:

Exposure limits may be applicable for the following:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Surface Material</td>
<td></td>
<td>100 %</td>
</tr>
<tr>
<td>Dust (inhalable and respirable fraction)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl methacrylate</td>
<td>80-62-6</td>
<td></td>
</tr>
<tr>
<td>Butyl acrylate</td>
<td>141-32-2</td>
<td></td>
</tr>
</tbody>
</table>

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.

FIREFIGHTING MEASURES

Extinguishing media
Suitable extinguishing media : Water spray, Dry chemical, Carbon dioxide (CO2), 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 (CO2) Methyl methacrylate monomer Aldehydes

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions : No special precautions required.

Environmental precautions

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.

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

**Requirements for storage areas and containers**

: No special storage conditions required.

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### 8. 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 leather or cotton gloves when grinding, sawing, routing, drilling or sanding.

**Eye protection**

: Safety glasses

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### Exposure Guidelines

**Exposure Limit Values**

- **Dust (inhalable and respirable fraction)**
  - Permissible exposure limit: (OSHA_TranS) 5 mg/m³ 8 hr. TWA Respirable fraction.
  - Permissible exposure limit: (OSHA_TranS) 15 mg/m³ 8 hr. TWA Total dust.
  - TLV (US ACGIH) 3 mg/m³ TWA Respirable particles.
### Corian® Solid Surface Material

**Version 2.0**

**Revision Date 07/09/2015**

Ref. 150000004173

<table>
<thead>
<tr>
<th>Component</th>
<th>Permissible Exposure Limit</th>
<th>TLV</th>
<th>AEL*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Methyl methacrylate</strong></td>
<td>(OSHA_Tran) 50 ppm TWA</td>
<td>100 ppm, 410 mg/m³ 8 hr. TWA</td>
<td></td>
</tr>
<tr>
<td><strong>Butyl acrylate</strong></td>
<td>(US ACGIH) 2 ppm TWA</td>
<td>2 ppm, 8 &amp; 12 hr. TWA</td>
<td></td>
</tr>
<tr>
<td><strong>Dust (inhalable and respirable fraction)</strong></td>
<td>(OSHA_Tran) 3 mg/m³ TWA</td>
<td></td>
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</tr>
<tr>
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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.

### DISPOSAL CONSIDERATIONS

**Waste treatment methods**

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

### REGULATORY INFORMATION

**TSCA (US) Status**

On the inventory, or in compliance with the inventory.

### OTHER INFORMATION

**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.

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