



## Corian® Joint Adhesive Kit - Component A

Version 2.1

Revision Date 09.06.2009

Ref. 15000002819

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 SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product information

Product name : Corian® Joint Adhesive Kit - Component A

Use of the  
Substance/Preparation : Adhesives

Company : Du Pont de Nemours (Belgium) BVBA  
Ketenislaan 1, Haven 1548  
B-9130 Kallo  
Belgium

Telephone : +32-15-473.277

Telefax : +32-2-403.5300

Emergency telephone : +44-(0)8456-006.640

E-mail address : sds-support@che.dupont.com

### 2. HAZARDS IDENTIFICATION

Highly flammable.  
Irritating to respiratory system and skin.  
May cause sensitization by skin contact.  
Vapours may form explosive mixtures with air.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the  
preparation : Adhesives

#### Hazardous components

Chemical Name	CAS-No.	EC-No.	Classification	Concentration [%]
Methyl methacrylate	80-62-6	201-297-1	F; R11 Xi; R37/38 R43	25 - 60
Silicon dioxide, amorphous	7631-86-9	231-545-4		1 - 10
Propylidynetrimethyl trimethacrylate	3290-92-4	221-950-4	Xi; R36/37/38	1 - 10

For the full text of the R-phrases mentioned in this Section, see Section 16.



## Corian® Joint Adhesive Kit - Component A

Version 2.1

Revision Date 09.06.2009

Ref. 15000002819

### 4. FIRST AID MEASURES

- General advice : If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person.
- Inhalation : Remove from exposure, lie down. Consult a physician after significant exposure.
- Skin contact : Wash off immediately with soap and plenty of water.
- Eye contact : Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing.
- Ingestion : Clean mouth with water and drink afterwards plenty of water. Ingest activated charcoal. Do not induce vomiting without medical advice.

### 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.,
- Specific hazards during fire fighting : Hazardous combustion products  
Carbon monoxide Carbon dioxide (CO2) Biphenyls
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.
- Further information : Evacuate personnel and keep upwind of fire. Do not allow run-off from fire fighting to enter drains or water courses.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation. Remove all sources of ignition.
- Environmental precautions : Prevent product from entering drains.
- Methods for cleaning up : Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean with detergents. Avoid solvents.

### 7. HANDLING AND STORAGE

#### Handling

- Advice on safe handling : Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this preparation is being used. Avoid contact with skin and eyes. Use only in well-ventilated areas.
- Advice on protection against fire and explosion : Keep product and empty container away from heat and sources of ignition. When using do not smoke.



## Corian® Joint Adhesive Kit - Component A

Version 2.1

Revision Date 09.06.2009

Ref. 15000002819

### Storage

Requirements for storage areas and containers : Keep tightly closed in a dry, cool and well-ventilated place.

Advice on common storage : No materials to be especially mentioned.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Type Form of exposure	Control parameters	Update	Basis
Methyl methacrylate	80-62-6	TWA	208 mg/m <sup>3</sup> 50 ppm	2007	EH40 WEL
		STEL	416 mg/m <sup>3</sup> 100 ppm	2007	EH40 WEL
Silicon dioxide, amorphous	7631-86-9	TWA Inhalable dust.	6 mg/m <sup>3</sup>	2005	EH40 WEL
		TWA Respirable dust.	2,4 mg/m <sup>3</sup>	2005	EH40 WEL

### Engineering measures

Use sufficient ventilation to keep employee exposure below recommended limits.

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection : Rubber gloves

Eye protection : Safety glasses

Hygiene measures : Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feeding stuffs. Wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid,

Colour : various,

Odour : acrylic,



## Corian® Joint Adhesive Kit - Component A

Version 2.1

Revision Date 09.06.2009

Ref. 15000002819

pH	: not applicable
Flash point	: 10 °C
Ignition temperature	: 430 °C
Explosive properties	: Not explosive
Lower explosion limit	: 2,1 vol%
Upper explosion limit	: 12,5 vol%
Vapour pressure	: 39 hPa at 20 °C
Density	: 1,2 - 1,24 g/cm <sup>3</sup>
Water solubility	: , partly miscible
Viscosity, dynamic	: , no data available

### 10. STABILITY AND REACTIVITY

Materials to avoid	: Reducing agents, Oxidizing agents
Hazardous reactions	: No decomposition if used as directed.

### 11. TOXICOLOGICAL INFORMATION

#### Acute oral toxicity

- Methyl methacrylate : LD50/ rat : > 5 000 mg/kg
- Propylidynetrimethyl trimethacrylate : LD50/ rat : 25 530 mg/kg

#### Acute dermal toxicity

- Propylidynetrimethyl trimethacrylate : LD50/ rabbit : 17 000 mg/kg

#### Skin irritation

- Methyl methacrylate : irritant
- Propylidynetrimethyl trimethacrylate : irritant

#### Eye irritation

- Methyl methacrylate : non-irritant
- Propylidynetrimethyl trimethacrylate : irritant

#### Sensitisation

- Methyl methacrylate : May cause sensitization by skin contact.
- Propylidynetrimethyl trimethacrylate : Animal test did not cause sensitization by skin contact.

**Corian® Joint Adhesive Kit - Component A**

Version 2.1

Revision Date 09.06.2009

Ref. 150000002819

## Mutagenicity assessment

- Propylidynetrimethyl trimethacrylate : Did not cause genetic damage in cultured bacterial cells., Tests on mammalian cell cultures showed mutagenic effects.

## Carcinogenicity assessment

- Propylidynetrimethyl trimethacrylate : Animal testing did not show any carcinogenic effects.

Human experience : Excessive exposures may affect human health, as follows:

Inhalation

*Central nervous system:* Nausea, Drowsiness, Dizziness, Headache*Respiratory system:* Irritation**12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS**

Product : Do not dispose of waste into sewer. Dispose of as special waste in compliance with local and national regulations.

Contaminated packaging : Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION****ADR**Class: 3  
Packaging group: II  
Classification Code: F1  
HI No.: 33  
UN-Number: 1133  
Labelling No.: 3  
Proper shipping name: Adhesives**IATA\_C**Class: 3  
Packaging group: II  
UN-Number: 1133  
Labelling No.: 3  
Proper shipping name: Adhesives**IMDG**Class: 3  
Packaging group: II  
UN-Number: 1133  
Labelling No.: 3  
Proper shipping name: Adhesives



## Corian® Joint Adhesive Kit - Component A

Version 2.1

Revision Date 09.06.2009

Ref. 15000002819

### 15. REGULATORY INFORMATION

#### Labelling according to EC Directives

Symbol(s) : F Highly flammable  
Xi Irritant

Hazardous components: Methyl methacrylate

R-phrases : R11 Highly flammable.  
R37/38 Irritating to respiratory system and skin.  
R43 May cause sensitization by skin contact.

S-phrases : S9 Keep container in a well-ventilated place.  
S16 Keep away from sources of ignition - No smoking.  
S24 Avoid contact with skin.  
S37 Wear suitable gloves.  
S51 Use only in well-ventilated areas.  
S60 This material and its container must be disposed of as hazardous waste.

### 16. OTHER INFORMATION

#### Text of R-phrases mentioned in Section 3

R11 Highly flammable.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R37/38 Irritating to respiratory system and skin.  
R43 May cause sensitization by skin contact.

#### Restrictions on use

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 H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3.

#### Further information

Before use read DuPont's safety information.

® Registered trademark of E. I. du Pont de Nemours and Company

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)



**Corian® Joint Adhesive Kit - Component A**

Version 2.1

Revision Date 09.06.2009

Ref. 150000002819

used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.