



Corian® Joint Adhesive Kit - Component B

Version 2.0

Revision Date 28.07.2008

Ref. 150000002820

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 B

Use of the Substance/Preparation : Adhesives

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2. HAZARDS IDENTIFICATION

May cause sensitization by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation : Adhesives

Hazardous components

Chemical Name	CAS-No.	EC-No.	Classification	Concentration [%]
Dibenzoyl peroxide	94-36-0	202-327-6	E; R 2 Xi; R36 R43	1 - 10
Silica, amorphous	7631-86-9	231-545-4		1 - 10

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

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.



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| 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) |
| 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. |

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. |



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Storage temperature : < 30 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Type Form of exposure	Control parameters	Update	Basis
Dibenzoyl peroxide	94-36-0	TWA	5 mg/m ³	2005	EH40 WEL
Silica, amorphous	7631-86-9	TWA Inhalable dust.	6 mg/m ³	2005	EH40 WEL
		TWA Respirable dust.	2,4 mg/m ³	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, oily,
- Colour : light yellow,
- Odour : slight,
- Boiling point : 340 °C
- Flash point : > 100 °C
- Thermal decomposition : 103 °C,
- Explosive properties : Not explosive
- Vapour pressure : 1,3 hPa
- Density : 1,03 - 1,07 g/cm³

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Water solubility : 0,03 g/l
Relative vapour density : 9,6 , (Air = 1.0)

10. STABILITY AND REACTIVITY

Materials to avoid : Oxidizing agents, Strong acids and strong bases, alkalies, Reducing agents
Hazardous reactions : No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

- Dibenzoyl peroxide : LD50/ rat : 7 710 mg/kg
- Silica, amorphous : LD50/ rat : > 10 000 mg/kg

Skin irritation

- Silica, amorphous : non-irritant

Eye irritation

- Silica, amorphous : non-irritant

Sensitisation

- Dibenzoyl peroxide : May cause sensitization by skin contact.
- Silica, amorphous : Not a skin sensitizer.

Mutagenicity assessment

- Silica, amorphous : Did not cause genetic damage in cultured bacterial cells., Did not cause genetic damage in cultured mammalian cells., Animal testing did not show any mutagenic effects.

Toxicity to reproduction assessment

- Silica, amorphous : Evidence suggests the substance is not a reproductive toxin in animals.

12. ECOLOGICAL INFORMATION

Toxicity to fish

- Dibenzoyl peroxide : LC50 / 96 h/ Killifish : 0,24 mg/l
- Silica, amorphous : This product has no known eco-toxicological effects.

Toxicity to algae

- Dibenzoyl peroxide : / ErC50/ 72 h/ Pseudokirchneriella subcapitata: 0,44 mg/l
/ EbC50/ 72 h/ Pseudokirchneriella subcapitata: 0,07 mg/l



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Aquatic toxicity

- Dibenzoyl peroxide : / EC50/ 48 h/ Daphnia magna (Water flea): 0,07 mg/l

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 : If recycling is not practicable, dispose of in compliance with local regulations.

14. TRANSPORT INFORMATION

- Further information : Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol(s) : Xi Irritant

Hazardous components: Dibenzoyl peroxide

R-phrase(s) : R43 May cause sensitization by skin contact.

S-phrase(s) : S24 Avoid contact with skin.
S35 This material and its container must be disposed of in a safe way.
S37 Wear suitable gloves.

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
R36 Irritating to eyes.
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-



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50102-3.

Further information

Before use read DuPont's safety information.

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

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