



Corian® Joint Adhesive Component B

Ref. 150000004822
Version 2.1 (replaces: Version 2.0)

Revision Date 15.06.2020
Issue Date 15.06.2020

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Corian® Joint Adhesive Component B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Adhesives and/or sealants, For professional users only.

1.3. Details of the supplier of the safety data sheet

Company : DuPont Specialty Products Operations Sarl
Chemin du Pavillon, 2
CH-1218 Le Grand-Saconnex, Geneva
Switzerland

Telephone : +41 (0) 22 717 51 11

Telefax : +41 (0) 22 717 51 09

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

1.4. Emergency telephone number

+(44)-870-8200418 (CHEMTREC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin sensitisation, Category 1 H317: May cause an allergic skin reaction.

Short-term (acute) aquatic hazard, Category 1 H400: Very toxic to aquatic life.

Long-term (chronic) aquatic hazard, Category 1 H410: Very toxic to aquatic life with long lasting effects.

2.2. Label elements

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Warning

H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.

Special labelling of certain substances and mixtures The following percentage of the mixture consists of ingredient(s) with unknown acute dermal toxicity: 9.9999 %

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P273 Avoid release to the environment.
P280 Wear protective gloves.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Registration number	Classification according to Regulation (EU) 1272/2008 (CLP)	Concentration (% w/w)
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Dibenzoyl peroxide (CAS-No.94-36-0) (EC-No.202-327-6)
(M-Factor : 10[Acute] 10[Chronic])

	Org. Perox. B; H241 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 1 - < 10 %
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The above products are compliant to REACH registration obligations; Registration number(s) may not be provided because substance(s) are exempted, not yet registered under REACH or are registered under another regulatory process (biocide uses, plant protection products), etc.



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For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- Inhalation : If breathed in, move person into fresh air. Obtain medical attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin contact : Wash off immediately with soap and plenty of water.
- Eye contact : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention. In case of eye contact
- Ingestion : If symptoms persist, call a physician.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms : For further information see Section 11.

4.3. Indication of any immediate medical attention and special treatment needed

- Treatment : No specific intervention is indicated. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Hazardous combustion products Carbon dioxide (CO₂) Carbon monoxide

5.3. Advice for firefighters

- Special protective equipment for firefighters : 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Ensure adequate ventilation. Remove all sources of ignition.

6.2. Environmental precautions

- Environmental precautions : Do not flush into surface water or sanitary sewer system. Do not allow material



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to contaminate ground water system.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Ensure adequate ventilation.

6.4. Reference to other sections

For personal protection see section 8., For disposal instructions see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe 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 mixture 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.

7.2. Conditions for safe storage, including any incompatibilities

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.

Storage temperature : 5 - 23 °C

7.3. Specific end use(s)

Apart from any uses mentioned in Section 1.2, no other specific end uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

If sub-section is empty then no values are applicable. For further information on any control parameters provided, please refer to the relevant regulation.

Components with workplace control parameters

Type Form of exposure	Control parameters (Expressed as)	Update	Regulatory basis
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Dibenzoyl peroxide (CAS-No. 94-36-0)

Long-term exposure limit (8-hour TWA reference period)	5 mg/m3	2005-04-06	UK. EH40 WEL - Workplace Exposure Limits
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8.2. Exposure controls



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Engineering measures	:	Use sufficient ventilation to keep employee exposure below recommended limits.
Eye protection	:	Safety glasses
Hand protection	:	Rubber gloves
Hygiene measures	:	Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs. Wash contaminated clothing before re-use.
Respiratory protection	:	No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	:	liquid
Colour	:	white
Odour	:	odourless
Odour Threshold	:	not determined
pH	:	no data available
Melting point/range	:	not determined
Boiling point/boiling range	:	232 °C
Flash point	:	192 °C
Self-Accelerating decomposition temperature (SADT)	:	no data available
Flammability (solid, gas)	:	no data available
Ignition temperature	:	80 °C
Thermal decomposition	:	no data available
Oxidizing properties	:	no data available
Explosive properties	:	no data available
Lower explosion limit/ Lower flammability limit	:	not determined
Upper explosion limit/ upper	:	not determined



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flammability limit	
Vapour pressure	: not determined
Density	: 1.16 g/cm ³
Relative density	: no data available
Bulk density	: no data available
Water solubility	: immiscible
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: not auto-flammable
Solubility in other solvents	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available

9.2. Other information

No other data to be specially mentioned.

SECTION 10: Stability and reactivity

10.1. Reactivity	: Stable under recommended storage conditions.
10.2. Chemical stability	: No decomposition if stored and applied as directed.
10.3. Possibility of hazardous reactions	: No decomposition if used as directed.
10.4. Conditions to avoid	: Heat Exposure to sunlight.
10.5. Incompatible materials	: Oxidizing agents Strong acids and strong bases alkalies Reducing agents
10.6. Hazardous decomposition products	: Decomposes by reaction with alkaline solutions. Hazardous decomposition products Carbon dioxide (CO ₂) Benzene Benzoic acid



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Biphenyls
Smoke

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

- Dibenzoyl peroxide
LD50 / Rat : > 5,000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity

- Dibenzoyl peroxide
LC50 / 4 h Rat : > 24.3 mg/l
Method: OECD Test Guideline 403
Central nervous system effects Respiratory effects eye effects

Skin irritation

- Dibenzoyl peroxide
Rabbit
Classification: Not classified as irritant
Result: No skin irritation
Method: OECD Test Guideline 404

Eye irritation

- Dibenzoyl peroxide
Rabbit
Classification: Irritating to eyes.
Result: Eye irritation
Method: OECD Test Guideline 405

Respiratory or skin sensitisation

- Dibenzoyl peroxide
Mouse
Classification: The product is a skin sensitiser, sub-category 1A.
Result: The product is a skin sensitiser, sub-category 1A.
Method: OECD Test Guideline 429

Repeated dose toxicity

- Dibenzoyl peroxide
Oral Rat
NOAEL: 500 mg/kg
Method: see user defined free text
No toxicologically significant effects were found.



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Mutagenicity assessment

- Dibenzoyl peroxide
Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Carcinogenicity assessment

- Dibenzoyl peroxide
Not classifiable as a human carcinogen. Overall weight of evidence indicates that the substance is not carcinogenic.

Toxicity to reproduction assessment

- Dibenzoyl peroxide
No toxicity to reproduction Evidence suggests the substance is not a reproductive toxin in animals.

Assessment teratogenicity

- Dibenzoyl peroxide
Evidence suggests the substance is not a developmental toxin in animals.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity to fish

- Dibenzoyl peroxide
LC50 / 96 h / *Oncorhynchus mykiss* (rainbow trout): 0.602 mg/l
Method: OECD Test Guideline 203

Toxicity to aquatic plants

- Dibenzoyl peroxide
ErC50 / 72 h / *Pseudokirchneriella subcapitata* (green algae): 0.0711 mg/l
Method: OECD Test Guideline 201

NOEC / 72 h / *Pseudokirchneriella subcapitata* (green algae): 0.02 mg/l
Method: OECD Test Guideline 201

Toxicity to aquatic invertebrates

- Dibenzoyl peroxide
EC50 / 48 h / *Daphnia magna* (Water flea): 0.11 mg/l
Method: OECD Test Guideline 202

Chronic toxicity to aquatic Invertebrates

- Dibenzoyl peroxide
NOEC / 21 d / *Daphnia magna* (Water flea): 0.001 mg/l
Method: OECD Test Guideline 211



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12.2. Persistence and degradability

Biodegradability

- Dibenzoyl peroxide
Method: OECD Test Guideline 301D
Not biodegradable

12.3. Bioaccumulative potential

no data available

12.4. Mobility in soil

no data available

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : Do not dispose of together with household waste. Do not flush into surface water or sanitary sewer system. In accordance with local and national regulations.

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

SECTION 14: Transport information

ADR

- 14.1. UN number: 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dibenzoyl peroxide)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
14.5. Environmental hazards: Environmentally hazardous
14.6. Special precautions for user:
Tunnel restriction code: (-)

IATA_C

- 14.1. UN number: 3082
14.2. UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Dibenzoyl



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- 14.3. Transport hazard class(es): peroxide)
9
14.4. Packing group: III
14.5. Environmental hazards : Environmentally hazardous
- 14.6. Special precautions for user:
No special precautions required.

IMDG

- 14.1. UN number: 3082
14.2. UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Dibenzoyl peroxide)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
14.5. Environmental hazards : Marine pollutant
- 14.6. Special precautions for user:
No special precautions required.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations :

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values.

15.2. Chemical safety assessment

A Chemical Safety Assessment is not required for this/these product(s).

SECTION 16: Other information

Full text of H-Statements referred to under section 3.

- H241 Heating may cause a fire or explosion.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.



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H410 Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
CAS-No.	Chemical Abstracts Service number
CLP	Classification, Labelling and Packaging
EbC50	Concentration at which 50% reduction of biomass is observed
EC50	Median effective concentration
EN	European Norm
EPA	Environmental Protection Agency
ErC50	Concentration at which a 50% inhibition of growth rate is observed
EyC50	Concentration at which 50 % inhibition of yield is observed
IATA_C	International Air Transport Association (Cargo)
IBC	International Bulk Chemical Code
ICAO	International Civil Aviation Organization
ISO	International Standard Organization
IMDG	International Maritime Dangerous Goods
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest observed effect level
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No observed adverse effect level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
OPPTS	Office of Prevention, Pesticides and Toxic Substances
PBT	Persistent, Bioaccumulative and Toxic
STEL	Short term exposure limit
TWA	Time Weighted Average (TWA):
vPvB	very Persistent and very Bioaccumulative

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 and DuPont CAUTION Regarding Medical Applications.

Further information

Before use read DuPont's safety information.

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Note: The classification of substances listed in Annex VI to the CLP regulation are derived from assessment of the best knowledge and information available at the time of its publication or subsequent amendments. The information on components provided in sections 11 and 12 of this safety data sheet may in some cases not align with a legally binding classification on the basis of technical progress and availability of new information.



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

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