

**Corian® Joint Adhesive Component B**

Version 7.0

Issue Date : 10/11/2024
Revision Date : 12/01/2023

Ref. 150000004822

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Corian® Joint Adhesive Component B
Product Use : Adhesives and/or sealants, For professional users only.

Restrictions on use : Do not use product for anything outside of the above specified uses.
Manufacturer/Supplier : DuPont
974 Centre Road
Wilmington, Delaware 19805

Product Information : +1-833-338-7668
Transport Emergency : +1-800-424-9300 (outside the U.S. & Canada +1-703-527-3887)

Other information : professional use

SECTION 2. HAZARDS IDENTIFICATION

Product hazard category
Skin sensitisation Category 1

Label content
Pictogram :



Signal word : Warning

Hazardous warnings : May cause an allergic skin reaction.

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Hazardous prevention measures : Avoid breathing dust.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/ attention.
Wash contaminated clothing before reuse.
Dispose of contents/ container to an approved waste disposal plant.

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 60 - 70 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Dibenzoyl peroxide	94-36-0	<=10 %

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

General advice : No applicable data available.
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.
Most important symptoms/effects, acute and delayed : For further information see Section 11.



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Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to physician : No specific intervention is indicated. Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

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

Unsuitable extinguishing media : No applicable data available.

Specific hazards : Hazardous combustion products
 Carbon monoxide carbon dioxide.

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

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel) : Ensure adequate ventilation. Remove all sources of ignition.

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

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

Accidental Release Measures : No applicable data available.



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SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : 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. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs. Wash contaminated clothing before re-use.
- Handling (Physical Aspects) : Keep product and empty container away from heat and sources of ignition. When using do not smoke.
- Dust explosion class : No applicable data available.
- Storage : Keep tightly closed in a dry, cool and well-ventilated place. No materials to be especially mentioned.
- Storage period : No applicable data available.
- Storage temperature : 5 - 23 °C (41 - 73 °F)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering controls : 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 : Additional protection: Rubber gloves
 - Eye protection : Safety glasses

Exposure Guidelines
 Exposure Limit Values

Dibenzoyl peroxide			
TLV	(ACGIH)	5 mg/m3	TWA
REL	(NIOSH)	5 mg/m3	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
PEL (Permissible	(OSHA)	5 mg/m3	8 hr. TWA



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Exposure Limit)			
PEL (Permissible Exposure Limit)	(OSHA)	5 mg/m3	TWA

* 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

Appearance

Physical state : solid
 Form : solid
 Color : white

Odor : odourless

Odor threshold : not determined

pH : no data available, Substance/mixture is non-soluble (in water).

Melting point/freezing point : Melting point/range
 not determined

Boiling point/boiling range : Boiling point/boiling range
 232 °C (450 °F)

Flash point : 192 °C

Evaporation rate : No applicable data available.

Flammability (solid, gas) : No applicable data available.

Upper explosion limit : not determined

Lower explosion limit : not determined

Vapor pressure : not determined

Vapour density : No applicable data available.

Density : 1.16 g/cm3

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Specific gravity (Relative density) : No applicable data available.
Water solubility : immiscible
Solubility(ies) : No applicable data available.
Partition coefficient: n-octanol/water : No applicable data available.
Auto-ignition temperature : not auto-flammable
Ignition temperature : 80 °C
Decomposition temperature : No applicable data available.
Viscosity, kinematic : No applicable data available.
Viscosity, dynamic : No applicable data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.
Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous reactions : No applicable data available.
Conditions to avoid : Heat Exposure to sunlight.
Incompatible materials : Oxidizing agents Strong acids and strong bases, alkalies, Reducing agents
Hazardous decomposition products : Decomposes by reaction with alkaline solutions., Hazardous decomposition products, Carbon dioxide (CO₂), Benzene, Benzoic acid, Biphenyls, Smoke

SECTION 11. TOXICOLOGICAL INFORMATION

Dibenzoyl peroxide
Inhalation 4 h LC50 : > 24.3 mg/l , Rat
Central nervous system effects
Respiratory effects
eye effects



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Oral LD50	:	> 5,000 mg/kg , Rat
Skin irritation	:	No skin irritation, Rabbit
Eye irritation	:	Eye irritation, Rabbit
Skin sensitization	:	The product is a skin sensitiser, sub-category 1A., Mouse
Repeated dose toxicity	:	Oral Rat - NOAEL: 500 mg/kg Method: see user defined free text No toxicologically significant effects were found.
Carcinogenicity	:	Not classifiable as a human carcinogen. Overall weight of evidence indicates that the substance is not carcinogenic.
Mutagenicity	:	Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Reproductive toxicity	:	No toxicity to reproduction Evidence suggests the substance is not a reproductive toxin in animals.
Teratogenicity	:	Evidence suggests the substance is not a developmental toxin in animals.

Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity
Dibenzoyl peroxide



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- 96 h LC50 : Oncorhynchus mykiss (rainbow trout) 0.602 mg/l OECD Test Guideline 203
- 72 h ErC50 : Pseudokirchneriella subcapitata (green algae) 0.0711 mg/l OECD Test Guideline 201
- 72 h NOEC : Pseudokirchneriella subcapitata (green algae) 0.02 mg/l OECD Test Guideline 201
- 48 h EC50 : Daphnia magna (Water flea) 0.11 mg/l OECD Test Guideline 202
- 21 d : NOEC Daphnia magna (Water flea) 0.001 mg/l OECD Test Guideline 211

SECTION 13. DISPOSAL CONSIDERATIONS

- Waste disposal 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

- | | | |
|--------|----------------------|---|
| DOT | UN number | : 3077 |
| | Proper shipping name | : Environmentally hazardous substance, solid, n.o.s. (Dibenzoyl peroxide) |
| | Class | : 9 |
| | Packing group | : III |
| IATA_C | Labelling No. | : 9 |
| | UN number | : 3077 |
| | Proper shipping name | : Environmentally hazardous substance, solid, n.o.s. (Dibenzoyl peroxide) |
| | Class | : 9 |
| IMDG | Packing group | : III |
| | Labelling No. | : 9 |
| | UN number | : 3077 |



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Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
 SOLID, N.O.S. (Dibenzoyl peroxide)
 Class : 9
 Packing group : III
 Labelling No. : 9
 Marine pollutant : yes (Dibenzoyl peroxide)

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA special provision A197, and ADR/RID special provision 375.

SECTION 15. REGULATORY INFORMATION

TSCA : On the inventory, or in compliance with the inventory

SARA 311/312 Hazard classification : Respiratory or skin sensitisation

SARA 313 Regulated Chemical(s) : The following components are subject to reporting levels established by SARA Title III, Section 313: Dibenzoyl peroxide

PA Right to Know Regulated Chemical(s) : Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Dibenzoyl peroxide, Silicon dioxide, amorphous

NJ Right to Know Regulated Chemical(s) : Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): Dibenzoyl peroxide

California Prop. 65 : This product does not contain any substances requiring a warning under the Safe Drinking Water and Toxic Enforcement Act.

SECTION 16. OTHER INFORMATION

		NFPA
Health	:	0
Flammability	:	3

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Reactivity/Physical hazard : 0

Restrictions for 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.

Before use read DuPont's safety information.

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