

# SAFETY DATA SHEET



## Corian® Joint Adhesive Component B

Version 3.0  
Document no. 150000004822

Revision Date 12.07.2023  
Issue Date 12.07.2023

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

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name** : Corian® Joint Adhesive Component B

**Recommended use of the chemical and restriction on use**

Recommended 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, importer, supplier, representative office**

Company : Du Pont (Australia) Pty Ltd  
Street address : 15 Blackman Crescent  
South Windsor NSW 2756  
Australia

Telephone : 0800 555 799  
Telefax : +61 3 9935 5636

**Emergency telephone number** : 24-hour Medical Emergency: 0800 111174;  
Transport Emergency: 9801 0034

### 2. HAZARDS IDENTIFICATION

NEW ZEALAND HAZARDOUS SUBSTANCE CLASSIFICATION: Classified as hazardous according to criteria in the New Zealand Hazardous Substances (Hazard Classification) Notice 2020. Refer to Section 15 for HSNO Approval Number.

Classified as a Dangerous Good according to NZS 5433

**HSNO Classification:**

Skin sensitisation : Category 1

Hazardous to the aquatic environment - acute hazard : Category 1

Hazardous to the aquatic environment - chronic hazard : Category 1

Endpoints which are not classified, cannot be classified or are not applicable are not shown.

**Label content**

Pictogram :



Signal word : Warning


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- Hazardous warnings** : May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.
- Precautionary statements** : Avoid breathing dust.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves.  
IF ON SKIN: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice/ attention.  
Take off contaminated clothing and wash it before reuse.  
Collect spillage.  
Dispose of contents/ container to an approved waste disposal plant.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical nature** : Mixture

**Components**

Chemical name	CAS-No.	Concentration
Oxydipropyl dibenzoate	27138-31-4	20 - 30%
Dibenzoyl peroxide	94-36-0	<10%

**4. 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.
- Most important symptoms/effects, acute and delayed** : For further information see Section 11.
- 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.

**5. FIREFIGHTING MEASURES**

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

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<b>Unsuitable extinguishing media</b>	:	No information available.
<b>Specific hazards</b>	:	Hazardous combustion products Carbon monoxide, carbon dioxide
<b>Special protective equipment for firefighters</b>	:	Wear self-contained breathing apparatus and protective suit.
<b>Specific extinguishing methods</b>	:	No information available.
<b>Further information</b>	:	Evacuate personnel and keep upwind of fire. Do not allow run-off from fire fighting to enter drains or water courses.
<b>Hazchem Code</b>	:	2Z

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions, protective equipment and emergency procedures</b>	:	Ensure adequate ventilation. Remove all sources of ignition.
<b>Environmental precautions</b>	:	Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.
<b>Methods and materials for containment and cleaning up</b>	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Ensure adequate ventilation.

**7. HANDLING AND STORAGE****Handling**

Technical measures/Precautions	:	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.
Precautions for safe handling	:	Keep product and empty container away from heat and sources of ignition. When using do not smoke.

**Storage**

Suitable storage conditions	:	Keep tightly closed in a dry, cool and well-ventilated place. Advice on common storage: No materials to be especially mentioned. Storage period: Storage temperature: 5 - 23 °C
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Control parameters**

Applicable occupational exposure limits are listed below.

Dibenzoyl peroxide		
WES-TWA	5 mg/m <sup>3</sup>	NZ OEL (2002-01-01)
TWA	5 mg/m <sup>3</sup>	ACGIH (2013-03-01)

**Biological occupational exposure limits**

No biological exposure limit values are applicable.

**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** : polyvinylalcohol (PVA) gloves, Nitrile rubber gloves.

**Eye protection** : Safety glasses

**Skin protection** : No information available.

**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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**
**Appearance (Physical state, form, colour, etc.)**

Physical state : solid  
Form : solid  
Colour : white

**Odour** : odourless

**Odour Threshold** : not determined

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

**Melting point/freezing point**

Melting point/range : not determined

**Initial boiling point and boiling range**

Boiling point/boiling range : 232 °C

**Flash point** : 192 °C

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**Evaporation rate** : No information available.**Flammability** : No information available.**Upper/lower flammability or explosive limits**

Upper explosion limit : not determined

Lower explosion limit : not determined

**Vapour pressure** : not determined**Vapour density** : No information available.**Density**Density : 1.16 g/cm<sup>3</sup>**Solubility(ies)**

Water solubility : immiscible

**Particle characteristics**

Assessment : No information available.

**Partition coefficient: n-octanol/water** : No information available.**Auto-ignition temperature**

Auto-ignition temperature : not auto-flammable

Ignition temperature : 80 °C

**Decomposition temperature** : No information available.**Viscosity**

Viscosity, kinematic : No information available.

**Molecular weight** : No information available.**Oxidizing properties** : No information available.**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 information available.**Conditions to avoid** : Heat Exposure to sunlight.**Materials to avoid** : Oxidizing agents, Strong acids and strong bases, alkalis, Reducing agents

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**Hazardous decomposition products** : Decomposes by reaction with alkaline solutions., Hazardous decomposition products, Carbon dioxide (CO<sub>2</sub>), Benzene, Benzoic acid, Biphenyls, Smoke

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

## Oral

Oxydipropyl dibenzoate : LD50/Rat: 3,914 mg/kg  
Method: OECD Test Guideline 401  
Central nervous system effects

Dibenzoyl peroxide : LD50/Rat: > 5,000 mg/kg  
Method: OECD Test Guideline 401  
The substance or mixture has no acute oral toxicity

## Inhalation

Oxydipropyl dibenzoate : LC50/4 h/Rat(dust/mist): > 200 mg/l  
The substance or mixture has no acute inhalation toxicity

Dibenzoyl peroxide : LC50/4 h/Rat(dust/mist): > 24.3 mg/l  
Method: OECD Test Guideline 403  
Central nervous system effects, Respiratory effects, eye effects

## Dermal

Oxydipropyl dibenzoate : LD50/Rat: > 2,000 mg/kg  
Method: OECD Test Guideline 402  
The substance or mixture has no acute dermal toxicity

Dibenzoyl peroxide : no data available

**Skin corrosion/irritation**

Oxydipropyl dibenzoate : Species: Rabbit  
Result: No skin irritation  
Classification: No skin irritation  
Method: OECD Test Guideline 404

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

**Serious eye damage/eye irritation**

Oxydipropyl dibenzoate : Species: Rabbit  
Result: No eye irritation  
Classification: No eye irritation  
Method: OECD Test Guideline 405  
Minimal effects that do not meet the threshold for classification.

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

**Respiratory or skin sensitisation**

Oxydipropyl dibenzoate : Species: Guinea pig  
Result: Does not cause skin sensitisation.  
Classification: Does not cause skin sensitisation.  
Method: OECD Test Guideline 406

Dibenzoyl peroxide : Species: Mouse  
Result: The product is a skin sensitiser, sub-category 1A.

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

**Germ cell mutagenicity**

- Oxydipropyl dibenzoate : In vitro tests did not show mutagenic effects Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
- Dibenzoyl peroxide : Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

**Carcinogenicity**

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

**Reproductive toxicity**

- Oxydipropyl dibenzoate : Reproductive toxicity: No toxicity to reproduction  
Animal testing showed no reproductive toxicity.  
No effects on or via lactation  
Teratogenicity: Animal testing showed no developmental toxicity.
- Dibenzoyl peroxide : 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.

**Specific Target Organ Toxicity**

Specific target organ toxicity - single exposure

- Oxydipropyl dibenzoate : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific target organ toxicity - repeated exposure

- Oxydipropyl dibenzoate : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
- Dibenzoyl peroxide : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Aspiration hazard**

- Oxydipropyl dibenzoate : No aspiration toxicity classification
- Dibenzoyl peroxide : No aspiration toxicity classification

**Other**

- Oxydipropyl dibenzoate : Repeated dose toxicity:  
Ingestion/Rat 90 d  
NOAEL: 1,000 mg/kg  
Method: OECD Test Guideline 408  
No toxicologically significant effects were found.
- Dibenzoyl peroxide : Repeated dose toxicity:  
Oral/Rat  
NOAEL: 500 mg/kg  
Method: see user defined free text


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No toxicologically significant effects were found.

**12. ECOLOGICAL INFORMATION**
**Ecotoxicity effects**

Acute and prolonged toxicity to fish

- Oxydipropyl dibenzoate : LC50/96 h/Pimephales promelas (fathead minnow): 3.7 mg/l  
Method: OECD Test Guideline 203
- Dibenzoyl peroxide : LC50/96 h/Oncorhynchus mykiss (rainbow trout): 0.602 mg/l  
Method: OECD Test Guideline 203

Toxicity to aquatic plants

- Oxydipropyl dibenzoate : EC50/96 h/Pseudokirchneriella subcapitata (green algae): 3.6 mg/l  
Method: OECD Test Guideline 201
- 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

Acute toxicity to aquatic invertebrates

- Oxydipropyl dibenzoate : EC50/48 h/Daphnia magna (Water flea)  
Method: OECD Test Guideline 202  
Aquatic toxicity is unlikely due to low solubility.
- 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

**Persistence and degradability**

- Oxydipropyl dibenzoate : Result: Biodegradable
- Dibenzoyl peroxide : Result: Not biodegradable

**Bioaccumulation**

- Oxydipropyl dibenzoate : Bioaccumulation is unlikely.

**Mobility in soil**

No information available.

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods** : 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.



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### 14. TRANSPORT INFORMATION

#### NZS 5433

UN number : 3077  
UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Dibenzoyl peroxide)  
Transport hazard class : 9  
Packing group : III

#### IMDG

UN number : 3077  
UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Dibenzoyl peroxide)  
Transport hazard class : 9  
Packing group : III  
Marine pollutant : yes (Dibenzoyl peroxide)

#### IATA

UN number : 3077  
UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Dibenzoyl peroxide)  
Transport hazard class : 9  
Packing group : III

Special precaution which a user to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises : 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.

### 15. REGULATORY INFORMATION

HSNO Number : HSR002544

Certified handler certificate not required.

Tracking hazardous substance not required.

Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

### 16. OTHER INFORMATION

#### References

SDS Number: 150000004822

#### Revision Date/Version

Date of first preparation : 08.01.2018  
Revision Date : 12.07.2023  
Version : 3.0

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

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