

SAFETY DATA SHEET



Corian[®] Joint Adhesive Component B

Version 2.0

Revision Date 08.01.2018

Document no. 150000004822

Issue Date 08.01.2018

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 : DuPont (New Zealand) Limited
Street address : Level 1, 14 Ormiston Road, East Tamaki, Auckland 2016
New Zealand
Telephone : +64 9 271 2408
Telefax : (09)-271-2961

Emergency telephone number : 24-hour Medical Emergency: 0800 111174;
Transport Emergency: 0800 387668

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001
Classified as a Dangerous Good according to NZS 5433

HSNO Classification:

6.1E : Acute toxicity (Oral)
6.4A : Eye irritation
6.5B : Skin sensitisation
9.1A : Aquatic toxicity (Acute or Chronic)

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

Label content

Pictogram :



Signal word : Warning

Hazardous warnings : May be harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye irritation.
Very toxic to aquatic life with long lasting effects.

Precautionary statements : Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Wash skin thoroughly after handling.


Corian® Joint Adhesive Component B

Version 2.0

Revision Date 08.01.2018

Document no. 150000004822

Issue Date 08.01.2018

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 soap and water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor if you feel unwell.
 Specific treatment (see supplemental first aid instructions on this label).
 If skin irritation or rash occurs: Get medical advice/ attention.
 If eye irritation persists: Get medical advice/ attention.
 Wash contaminated clothing 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	90 - 100%
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.
- Specific hazards** : Hazardous combustion products
Carbon monoxide, carbon dioxide

SAFETY DATA SHEET



Corian[®] Joint Adhesive Component B

Version 2.0
Document no. 150000004822

Revision Date 08.01.2018
Issue Date 08.01.2018

- Special protective equipment for firefighters** : Wear self-contained breathing apparatus and protective suit.
- Specific extinguishing methods** : No information available.
- Further information** : Evacuate personnel and keep upwind of fire. Do not allow run-off from fire fighting to enter drains or water courses.
- Hazchem Code** : .3Z

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures** : 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.
- Methods and materials for containment and cleaning up** : 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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Applicable occupational exposure limits are listed below.

Chemical name	Occupational Exposure Limits	Regulation
Dibenzoyl peroxide		

SAFETY DATA SHEET



Corian® Joint Adhesive Component B

Version 2.0

Revision Date 08.01.2018

Document no. 150000004822

Issue Date 08.01.2018

TWA	5 mg/m ³	NZ OEL (09 2010)
TWA	5 mg/m ³	US ACGIH (2011)

Engineering measures : Use sufficient ventilation to keep employee exposure below recommended limits.

Biological occupational exposure limits : No information available.

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 : liquid
Form : liquid
Colour : white

Odour : odourless

Odour Threshold : not determined

pH : No information available.

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

Evaporation rate : No information available.

Flammability (solid, gas) : No information available.

Upper/lower flammability or explosive limits

Upper explosion limit : not determined
Lower explosion limit : not determined

Vapour pressure : not determined


Corian® Joint Adhesive Component B

Version 2.0

Revision Date 08.01.2018

Document no. 150000004822

Issue Date 08.01.2018

Vapour density : No information available.

Density
Density : 1.16 g/cm³

Solubility(ies)
Water solubility : immiscible

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.

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, alkalies, Reducing agents

Hazardous decomposition products : Decomposes by reaction with alkaline solutions., Hazardous decomposition products, Carbon dioxide (CO₂), Benzene, Benzoic acid, Biphenyls, Smoke

11. TOXICOLOGICAL INFORMATION
Acute toxicity
Oral

Oxydipropyl dibenzoate : LD50/Rat: 3,912 mg/kg
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(vapour): > 200 mg/l
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


Corian® Joint Adhesive Component B

Version 2.0

Revision Date 08.01.2018

Document no. 150000004822

Issue Date 08.01.2018

Dibenzoyl peroxide	:	The substance or mixture has no acute dermal toxicity Toxic effects cannot be excluded
Skin corrosion/irritation		
Oxydipropyl dibenzoate	:	Species: Rabbit Result: No skin irritation Classification: Not classified as irritant
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: Slight or no eye irritation Classification: Not classified as irritant
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: Did not cause sensitisation on laboratory animals. Classification: Not a skin sensitizer.
Dibenzoyl peroxide	:	Species: Mouse Result: The product is a skin sensitizer, sub-category 1A. Classification: The product is a skin sensitizer, sub-category 1A. Method: OECD Test Guideline 429
Germ cell mutagenicity		
Oxydipropyl dibenzoate	:	Tests on bacterial or mammalian cell cultures did not show mutagenic effects. Evidence suggests this substance does not cause genetic damage in animals.
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 Evidence suggests the substance is not a reproductive toxin in animals. Teratogenicity: Evidence suggests the substance is not a developmental toxin in animals.
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.

Corian® Joint Adhesive Component B

Version 2.0

Revision Date 08.01.2018

Document no. 150000004822

Issue Date 08.01.2018

Specific Target Organ Toxicity

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

Dibenzoyl peroxide : No aspiration toxicity classification

Other

Oxydipropyl dibenzoate : Repeated dose toxicity:
Oral/Rat
No toxicologically significant effects were found.
Oral/Dog
No toxicologically significant effects were found.

Dibenzoyl peroxide : Repeated dose toxicity:
Oral/Rat
NOAEL: 500 mg/kg
Method: see user defined free text
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
Dibenzoyl peroxide : LC50/96 h/Oncorhynchus mykiss (rainbow trout): 0.602 mg/l
Method: OECD Test Guideline 203

Toxicity to aquatic plants

Oxydipropyl dibenzoate : ErC50/72 h/Selenastrum capricornutum (green algae): 4.9 mg/l
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): 19.3 mg/l
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 : aerobic
Exposure time: 28 d
Biodegradation: 85 %
Readily biodegradable.

Dibenzoyl peroxide : Result: Not biodegradable

Bioaccumulation

SAFETY DATA SHEET



Corian® Joint Adhesive Component B

Version 2.0
Document no. 150000004822

Revision Date 08.01.2018
Issue Date 08.01.2018

No information available.

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.

14. TRANSPORT INFORMATION

NZS 5433

UN number : 3082
UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Dibenzoyl peroxide)
Transport hazard class : 9
Packing group : III

IMDG

UN number : 3082
UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Dibenzoyl peroxide)
Transport hazard class : 9
Packing group : III
Marine pollutant : yes (Dibenzoyl peroxide)

IATA

UN number : 3082
UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, 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 : Not applicable

15. REGULATORY INFORMATION

HSNO Number : HSR002670

SAFETY DATA SHEET



Corian[®] Joint Adhesive Component B

Version 2.0

Revision Date 08.01.2018

Document no. 150000004822

Issue Date 08.01.2018

HSNO Controls : T1, T2, T4, T5, T7, T8
E1, E2, E5, E6, E7
I1, I3, I8, I9, I11, I16, I17, I18, I19, I21, I23, I28, I29, I30
P1, P3, P13, P15, PG3
D4, D5, D6, D7, D8
EM1, EM6, EM7, EM8, EM11, EM12, EM13

16. OTHER INFORMATION

References

SDS Number: 150000004822

Revision Date/Version

Date of first preparation : 08.01.2018
Revision Date : 08.01.2018
Version : 2.0

Before use read DuPont's safety information.

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

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.

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