

SAFETY DATA SHEET



Corian® Joint Adhesive Component B

Version 2.0
Document no. 150000004822

Revision Date 08.01.2018
Issue Date 08.01.2018

This SDS adheres to the standards and regulatory requirements of Australia 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
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Australia
Telephone : (02) 9923 6111
Telefax : (02) 9923 6011

Emergency telephone number : (02) 9923 6275 (Transport Emergency); (24 hr Emergency Medical Information: 1800 674 415)

2. HAZARDS IDENTIFICATION

Product hazard classification
Serious eye damage/eye irritation : Category 2A
Skin sensitisation : Category 1
Acute aquatic toxicity : Category 1
Chronic aquatic toxicity : Category 1
Endpoints which are not classified, cannot be classified or are not applicable are not shown.

Label content

Pictogram :



Signal word : Warning

Hazardous warnings : 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.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.


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Wear protective gloves/ eye protection/ face protection.
 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.
 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
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

Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.

Specific extinguishing methods : No information available.

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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		
TWA	5 mg/m ³	AU NOEL (12 2011)
TWA	5 mg/m ³	US ACGIH (2011)

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

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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

Vapour density : No information available.

Density

Density : 1.16 g/cm³

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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

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

Inhalation

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

Dibenzoyl peroxide : Toxic effects cannot be excluded

Skin corrosion/irritation

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


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Serious eye damage/eye irritation

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

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 - 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

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

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

Toxicity to aquatic plants

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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 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 Dibenzoyl peroxide	:	Result: Not biodegradable
Bioaccumulation 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

ADG

UN number	:	3082
UN proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dibenzoyl peroxide)
Transport hazard class	:	9
Packing group	:	III
Hazchem Code	:	.3Z

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
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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

Standard for the Uniform Scheduling of Medicines and Poisons: Schedule 5

16. OTHER INFORMATION

References

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

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