



## DuPont™ Joint Adhesive - Component B

Version 3.1

Revision Date 28.05.2013

Ref. 150000002820

This SDS 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 : DuPont™ Joint Adhesive - Component B

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

Use of the Substance/Mixture Adhesives

#### 1.3. Details of the supplier of the safety data sheet

Company : Du Pont de Nemours (Belgium) BVBA  
Ketenislaan 1, Haven 1548  
B-9130 Kallo  
Belgium

Telephone : +32-(0)-3-730-2211

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

#### 1.4. Emergency telephone number

Emergency telephone number : +44 (0) 8456 006 640

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Sensitising R43: May cause sensitisation by skin contact.

#### 2.2. Label elements



Irritant

R43 May cause sensitisation by skin contact.

S24 Avoid contact with skin.  
S37 Wear suitable gloves.

#### 2.3. Other hazards

no data available



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**SECTION 3: Composition/information on ingredients**

Chemical nature of the mixture : Adhesives

**3.1. Substances**

not applicable

**3.2. Mixtures**

Hazardous components

Registration number	Classification according to Directive 67/548/EEC	Classification according to Regulation (EU) 1272/2008 (CLP)	Concentration
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**Dibenzoyl peroxide (CAS-No.94-36-0) (EC-No.202-327-6)**

	E;R 3 O;R 7 Xi;R36 R43	Org. Perox. B; H241 Eye Irrit. 2; H319 Skin Sens. 1; H317	>= 1 - < 10 %
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The above products are REACH compliant; 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.

For the full text of the R-phrases mentioned in this Section, see Section 16.  
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**

- General advice : Never give anything by mouth to an unconscious person.
- Inhalation : Remove from exposure, lie down. Consult a physician after significant exposure.
- Skin contact : Wash off immediately with soap and plenty of water.
- Eye contact : Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing.
- Ingestion : Clean mouth with water and drink afterwards plenty of water. Ingest activated charcoal. Do not induce vomiting without medical advice.

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

no data available

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

no data available



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### 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 monoxide Carbon dioxide (CO<sub>2</sub>)

#### 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 : Prevent product from entering drains.

#### 6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean with detergents. Avoid solvents.

#### 6.4. Reference to other sections

not applicable

### 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



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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 : < 30 °C

**7.3. Specific end use(s)**

no data available

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

If sub-section is empty then no values are applicable.

**Components with workplace control parameters**

Type Form of exposure	Control parameters	Update	Basis	Remarks
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**Dibenzoyl peroxide (CAS-No. 94-36-0)**

TWA	5 mg/m3	2007	EH40 WEL	
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**8.2. Exposure controls**

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, oily

Colour : light yellow

Odour : slight



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Boiling point	: 340 °C
Flash point	: > 100 °C
Thermal decomposition	: 103 °C
Explosive properties	: Not explosive
Vapour pressure	: 1.3 hPa
Density	: 1.03 - 1.07 g/cm <sup>3</sup>
Water solubility	: 0.03 g/l
Relative vapour density	: 9.6 , (Air = 1.0)

### 9.2. Other information

no data available

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	: no data available
<b>10.2. Chemical stability</b>	: no data available
<b>10.3. Possibility of hazardous reactions</b>	: No decomposition if used as directed.
<b>10.4. Conditions to avoid</b>	: no data available
<b>10.5. Incompatible materials</b>	: Oxidizing agents Strong acids and strong bases alkalies Reducing agents
<b>10.6. Hazardous decomposition products</b>	: no data available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute oral toxicity

- Dibenzoyl peroxide  
LD50 / rat : 7,710 mg/kg

Sensitisation

- Dibenzoyl peroxide  
May cause sensitisation by skin contact.



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Carcinogenicity assessment

- Dibenzoyl peroxide  
no data available

**SECTION 12: Ecological information**

**12.1. Toxicity**

Toxicity to fish

- Dibenzoyl peroxide  
LC50 / 96 h / Cyprinodontidae (killifish): 0.24 mg/l

Toxicity to aquatic plants

- Dibenzoyl peroxide  
ErC50 / 72 h / Pseudokirchneriella subcapitata: 0.44 mg/l  
EbC50 / 72 h / Pseudokirchneriella subcapitata: 0.07 mg/l

Toxicity to aquatic invertebrates

- Dibenzoyl peroxide  
EC50 / 48 h / Daphnia magna (Water flea): 0.07 mg/l

**12.2. Persistence and degradability**

no data available

**12.3. Bioaccumulative potential**

no data available

**12.4. Mobility in soil**

no data available

**12.5. Results of PBT and vPvB assessment**

no data available

**12.6. Other adverse effects**

no data available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product : Do not dispose of waste into sewer. Dispose of as special waste in compliance with local and national regulations.



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

**SECTION 14: Transport information**

**ADR**

- 14.1. UN number: not applicable
- 14.2. UN proper shipping name: not applicable
- 14.3. Transport hazard class(es): not applicable
- 14.4. Packing group: not applicable
- 14.5. Environmental hazards: none
- 14.6. Special precautions for user:  
Not classified as dangerous in the meaning of transport regulations.

**IATA\_C**

- 14.1. UN number: not applicable
- 14.2. UN proper shipping name: not applicable
- 14.3. Transport hazard class(es): not applicable
- 14.4. Packing group: not applicable
- 14.5. Environmental hazards: none
- 14.6. Special precautions for user:  
Not classified as dangerous in the meaning of transport regulations.

**IMDG**

- 14.1. UN number: not applicable
- 14.2. UN proper shipping name: not applicable
- 14.3. Transport hazard class(es): not applicable
- 14.4. Packing group: not applicable
- 14.5. Environmental hazards: none
- 14.6. Special precautions for user:  
Not classified as dangerous in the meaning of transport regulations.

- 14.7. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
not applicable

**SECTION 15: Regulatory information**

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

no data available

**15.2. Chemical Safety Assessment**

no data available

**SECTION 16: Other information**

**Text of R-phrases mentioned in Section 3**

- R 3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.
- R 7 May cause fire.
- R36 Irritating to eyes.
- R43 May cause sensitisation by skin contact.

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

- H241 Heating may cause a fire or explosion.



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H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

Other information professional use

**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 H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3.

**Further information**

Before use read DuPont's safety information.

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

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