

SAFETY DATA SHEET

D Bond

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name D Bond

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

Identified uses ADHESIVE REMOVER PC1 Adhesives, sealants

1.3. Details of the supplier of the safety data sheet

Supplier Aztec Chemicals
Unit 16, University Way
Orion Park
Crewe
Cheshire
CW1 6NG
+ 44 (0) 1270 655500 (T)
+ 44 (0) 1270 655501 (F)
info@aztecchemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0)7831 300868

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Eye Irrit. 2 - H319
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn;R20/21/22. Xi;R36. F;R11.

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H319 Causes serious eye irritation.

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/ attention.

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Supplementary precautionary statements	<p>P233 Keep container tightly closed.</p> <p>P240 Ground/ bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical/ ventilating /lighting/.../ equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.</p> <p>P264 Wash ... thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P322 Specific measures (see ... on this label).</p> <p>P330 Rinse mouth.</p> <p>P337 If eye irritation persists:</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P370+P378 In case of fire: Use ... for extinction.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container to ...</p>
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2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

PROPYLENE CARBONATE	60-100%
CAS number: 108-32-7	EC number: 203-572-1
Classification	Classification (67/548/EEC or 1999/45/EC)
Eye Irrit. 2 - H319	Xi;R36

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Get medical attention.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues. Remove all contaminated clothes and footwear immediately unless stuck to skin.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Immediate effects can be expected after short-term exposure.
Inhalation	Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea, vomiting.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritating and may cause redness and pain. Profuse watering of the eyes. Severe irritation, burning, tearing and blurred vision. Dust or splashes from the mixture may cause permanent eye damage.

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

Notes for the doctor	Treat symptomatically.
Specific treatments	Provide eyewash station and safety shower.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray. Carbon dioxide or dry powder. Foam. Use fire-extinguishing media suitable for the surrounding fire. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Specific hazards Acrid smoke or fumes.

5.3. Advice for firefighters

Protective actions during firefighting Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use water to keep fire exposed containers cool and disperse vapours. Wear protective clothing. Avoid contact with skin and eyes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Keep unnecessary and unprotected personnel away from the spillage. Collect and place in suitable waste disposal containers and seal securely. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Avoid contact with eyes. Avoid direct contact with the substance. Provide adequate ventilation. Avoid inhalation of vapours and spray/mists.

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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store away from the following materials: Acids. Oxidising materials. Reducing agents. Keep in a cool place. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

No data available.

DNEL No data available.

PNEC No data available.

8.2. Exposure controls

Appropriate engineering controls Provide adequate ventilation.

Personal protection When using do not smoke

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles. Provide eyewash station.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection Wear protective clothing.

Hygiene measures Provide eyewash station. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection Respiratory protection may be required if excessive airborne contamination occurs. Self-containing breathing apparatus (SCBA) or positive pressure airline with mask are to be used in oxygen-deficient atmosphere. Air purifiers respirators will not provide protection. Users of breathing apparatus must be trained.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Colourless.

Odour Odourless.

pH Not applicable.

Melting point Not available.

Initial boiling point and range >35°C @

Flash point > 93°C

Evaporation rate Slow.

Upper/lower flammability or explosive limits Not available.

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Vapour pressure	Not available.
Vapour density	«59» «184»
Relative density	1.2 @ °C
Solubility(ies)	Soluble in water. Soluble in the following materials: Organic solvents.
Partition coefficient	Not available.
Auto-ignition temperature	No information available.
Viscosity	Non-viscous.
Oxidising properties	Not available.
Comments	Information given is applicable to the major ingredient.

9.2. Other information

Other information	Not available.
Volatile organic compound	Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Does not decompose when used and stored as recommended.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	Keep away from oxidising materials, heat and flames. Strong acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information	Immediate effects can be expected after short-term exposure.
Inhalation	Harmful by inhalation. Vapour may irritate respiratory system/lungs. Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.
Ingestion	Harmful if swallowed. Irritation of nose, throat and airway. Severe irritation of nose and throat. Nausea, vomiting. May cause stomach pain or vomiting.
Skin contact	Harmful in contact with skin. Irritating to skin. Redness.

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Eye contact	Irritating to eyes. Vapour or spray may cause temporary (reversible) eye damage. Irritation and redness, followed by blurred vision. Pain or irritation. Dust or splashes from the mixture may cause permanent eye damage.
Route of entry	Inhalation Skin absorption Ingestion. Skin and/or eye contact
Target organs	Liver Kidneys Central nervous system

Toxicological information on ingredients.

PROPYLENE CARBONATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	20,700.0
Species	Mouse
ATE oral (mg/kg)	20,700.0

SECTION 12: Ecological Information

Ecotoxicity No data on possible environmental effects have been found.

12.1. Toxicity

Toxicity Not available.

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient Not available.

12.4. Mobility in soil

Mobility Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Negligible ecotoxicity.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Transfer to a suitable container and arrange for collection by a specialised disposal company.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

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Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Commission Regulation (EU) No 453/2010 of 20 May 2010.
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	This is first issue.
Revision date	10/08/2016
Revision	1
SDS number	10468
SDS status	Approved.
Risk phrases in full	R11 Highly flammable. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R36 Irritating to eyes.
Hazard statements in full	H319 Causes serious eye irritation.

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.