



**SAFETY DATA SHEET**  
**CapSeal (hardener component part B)**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**

**1.1 Product Identifier**

**Product name** CapSeal (hardener component part B)

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

**Identified uses** Adhesive

**1.3 Details of the supplier of the safety data sheet**

**Supplier** Ancon Building Products  
98 Kurrajong Avenue  
Mount Druitt  
Sydney  
Australia  
NSW 2770

Tel: 1300 66 70 71  
Fax: 02 9669 1702  
Email: sales@helifix.com.au  
Website: www.ancon.com.au/helifix

**Contact person** sales@helifix.com.au

**1.4 Emergency telephone number**

1300 66 70 71 Mon – Fri 09:00 – 17:00  
Police and Fire Brigade: 000  
Poisons Information Centre: 13 11 26

**SECTION 2: HAZARDS IDENTIFICATION**

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

**Classification**

**Physical hazards**

Org. Perox. E - H242

**Health hazards**

Eye Irrit. 2 - H319 Skin Sens. 1 - H317

**Environmental hazards**

Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

**Classification (67/548/EEC or 1999/45/EC)**

O; R7. Xi; R36. N; R50. R43

**Human health**

May cause skin disorders if contact is repeated or prolonged. The product is irritating to eyes and skin.

**Environmental**

The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.



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**Physicochemical**

Not considered to be a significant hazard due to the small quantities used.

**2.2. Label elements**

**Pictogram**



**Signal word**

Warning

**Hazard statements**

- H242 Heating may cause a fire.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose of contents/container in accordance with national regulations.
- P411 Store at temperatures not exceeding 25°C/77°F.

**Contains**

BENZOYL PEROXIDE

**Supplementary precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P234 Keep only in original container.
- P264 Wash contaminated skin thoroughly after handling.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P391 Collect spillage.

**2.3. Other hazards**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**GLYCERINE**

**20-50%**

**CAS number:** 56-81-5

**EC number:** 200-289-5

**REACH registration number:** 01-2119471987-18-XXXX

**Classification**

**Classification (67/548/EEC or 1999/45/EC)**

Not Classified

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**BENZOYL PEROXIDE** **10-20%**  
**CAS number:** 94-36-0      **EC number:** 202-327-6      **REACH registration number:** 01-2119511472-50-XXXX  
**M factor (Acute) =** 10  
**Classification**      **Classification (67/548/EEC or 1999/45/EC)**  
Org. Perox. B - H241      E;R3 O;R7 Xi;R36 R43  
Eye Irrit. 2 - H319  
Skin Sens. 1 - H317  
Aquatic Acute 1 - H400

**BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR** **5-10%**  
**CAS number:** 670241-72-2      **EC number:** 447-010-5      **REACH registration number:** 01-0000018876-55-XXXX  
**Classification**      **Classification (67/548/EEC or 1999/45/EC)**  
Aquatic Chronic 2 - H411      N; R51/53

**ZINC DISTEARATE** **1-5%**  
**CAS number:** 557-05-1      **EC number:** 209-151-9  
**Classification**      **Classification (67/548/EEC or 1999/45/EC)**  
Not Classified      -

The full text for all R-Phrases 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. Get medical attention if any discomfort continues.

**Ingestion**

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**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 irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Causes skin irritation.

**Eye contact**

Irritation of eyes and mucous membranes.



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

**Notes for the doctor**

No specific recommendations. If in doubt, get medical attention promptly.

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**SECTION 5: FIRE FIGHTING MEASURES**

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**5.1. Extinguishing media**

**Suitable extinguishing media**

Extinguish with foam, carbon dioxide or dry powder.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards**

May cause fire or explosion; strong oxidiser.

**Hazardous combustion products**

Oxides of carbon.

**5.3. Advice for firefighters**

**Protective actions during firefighting**

Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions**

Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2. Environmental precautions**

**Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up**

Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

**6.4. Reference to other sections**

**Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

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**SECTION 7: HANDLING AND STORAGE**

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**7.1. Precautions for safe handling**

**Usage precautions**

Keep away from heat, sparks and open flame.



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**Advice on general occupational hygiene**

Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions**

Keep away from flammable and combustible materials. Store in closed original container at temperatures between 5°C and 25°C.

**Storage class**

Chemical storage.

**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**

**GLYCERINE**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

**BENZOYL PEROXIDE**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

**ZINC DISTEARATE**

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 20 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**BENZOYL PEROXIDE (CAS: 94-36-0)**

**DNEL**

Industry - Oral; Long term : 1.6 mg/kg/day

Industry - Dermal; Long term : 6.6 mg/kg/day

Industry - Inhalation; Long term : 11.75 mg/m<sup>3</sup>

**PNEC**

- Fresh water; 0.000602 mg/l

- Sediment (Freshwater); 0.338 mg/kg

- Marine water; 0.000602 mg/l

- Sediment (Marinewater); 0.0338 mg/kg

- STP; 0.35 mg/l

**8.2. Exposure controls**

**Protective equipment**





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**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

The following protection should be worn: Chemical splash goggles.

**Hand protection**

Wear protective gloves made of the following material: Nitrile rubber.

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

Wash hands at the end of each work shift and before eating, smoking and using the toilet. DO NOT SMOKE IN WORK AREA!

**Respiratory protection**

No specific recommendations.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**9.1. Information on basic physical and chemical properties**

**Appearance**

Liquid

**Colour**

Black.

**Odour**

Characteristic.

**Odour threshold**

Not determined.

**pH**

Not applicable.

**Melting point**

Not applicable.

**Initial boiling point and range**

Not applicable.

**Flash point**

Not applicable.

**Evaporation rate**

Not determined.

**Evaporation factor**

Not determined.



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**Flammability (solid, gas)**

Not determined.

**Upper/lower flammability or explosive limits**

Not determined.

**Other flammability**

Not determined.

**Vapour pressure**

Not determined.

**Vapour density**

Not determined.

**Relative density**

Not determined.

**Bulk density**

Not applicable.

**Solubility(ies)**

Not determined.

**Partition coefficient**

Not determined.

**Auto-ignition temperature**

Not determined.

**Decomposition Temperature**

50°C

**Viscosity**

> 60 S ISO2431

**Explosive properties**

No information available.

**Oxidising properties**

Not determined.

**9.2. Other information**

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**SECTION 10: STABILITY AND REACTIVITY**

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**10.1. Reactivity**

The following materials may react with the product: Acids. Alkalis. Amines. Strong reducing agents.

**10.2. Chemical stability**

**Stability**

Stable at normal ambient temperatures and when used as recommended. Will decompose at temperatures exceeding 50°C.

**10.3. Possibility of hazardous reactions**

Will not polymerise.



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**10.4. Conditions to avoid**

Avoid contact with strong reducing agents. Avoid heat. Avoid contact with acids and alkalis.

**10.5. Incompatible materials**

**Materials to avoid**

Strong reducing agents. Acids, non-oxidising. Acids - organic. Alkalis - inorganic. Alkalis - organic. Amines.

**10.6. Hazardous decomposition products**

Oxides of carbon.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**11.1. Information on toxicological effects**

**Skin sensitisation**

Sensitising.

**Inhalation**

No specific health hazards known.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Irritating to skin. May cause sensitisation by skin contact.

**Eye contact**

Irritation of eyes and mucous membranes.

**Route of entry**

Skin and/or eye contact.

**Medical symptoms**

Skin irritation. Irritation of eyes and mucous membranes.

**Medical considerations**

No information available.

**Toxicological information on ingredients.**

**BENZOYL PEROXIDE**

**Acute toxicity – oral**

**Acute toxicity oral (LD50 mg/kg)**

950

**Species**

Rat

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**SECTION 12: ECOLOGICAL INFORMATION**

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**12.1. Toxicity**

**Ecological information on ingredients.**

**BENZOYL PEROXIDE**

**Acute aquatic toxicity**

**LE(C)<sub>50</sub>**

0.01 < L(E)C50 ≤ 0.1





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**M factor (Acute)**

10

**Acute toxicity – fish**

LC<sub>50</sub>, 96 hours: 0.06 mg/l, *Onchorhynchus mykiss* (Rainbow trout)

**Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, 48 hours: 0.11 mg/l, *Daphnia magna*

**Acute toxicity - aquatic plants**

EC<sub>50</sub>, 72 hours: 0.07 mg/l, *Selenastrum capricornutum*

**BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR**

**Acute toxicity - fish**

LC<sub>50</sub>, 24 hours: > 1.23 mg/l, *Cyprinus carpio* (Common carp) LC<sub>50</sub>, 48 hours: > 1.23 mg/l, *Cyprinus carpio* (Common carp)

LC<sub>50</sub>, 72 hours: > 1.23 mg/l, *Cyprinus carpio* (Common carp) EC<sub>50</sub>, 96 hours: > 1.23 mg/l, *Cyprinus carpio* (Common carp)

EC<sub>100</sub>, 96 hours: > 1.23 mg/l, *Cyprinus carpio* (Common carp) NOEC, 96 hours: > 1.23 mg/l, *Cyprinus carpio* (Common carp)

**Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, 24 hours: > 2.2 mg/l, *Daphnia magna* EC<sub>50</sub>, 48 hours: > 2.2 mg/l, *Daphnia magna* NOEC, 48 hours: > 2.2 mg/l, *Daphnia magna*

**Acute toxicity - microorganisms**

IC<sub>50</sub>, 3 hours: > 1000 mg/l, Activated sludge NOEC, 3 hours: > 1000 mg/l, Activated sludge

**12.2. Persistence and degradability**

**Persistence and degradability**

There are no data on the degradability of this product.

**12.3. Bioaccumulative potential**

No data available on bioaccumulation.

**Partition coefficient**

Not determined.

**12.4. Mobility in soil**

**Mobility**

Mobile. The product is partly miscible with water and may spread in the aquatic environment.

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

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

**12.6. Other adverse effects**

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**13.1. Waste treatment methods**

**General information**

Dispose of waste product or used containers in accordance with local regulations

**Disposal methods**

Dispose of waste via a licensed waste disposal contractor.



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**SECTION 14: TRANSPORT INFORMATION**

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

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**14.4. Packing group**

**14.5. Environmental hazards**

**14.6. Special precautions for user**

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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**SECTION 15: REGULATORY INFORMATION**

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

**EU legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance**

Workplace Exposure Limits EH40.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

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**SECTION 16: OTHER INFORMATION**

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**Revision comments**

Revision date	1/9/2014
Revision	1
SDS number	HA3

**Risk phrases in full**

R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
R7 May cause fire.  
R36 Irritating to eyes.  
R43 May cause sensitisation by skin contact.  
R50 Very toxic to aquatic organisms.  
Irritating to eyes.

**Hazard statements in full**

H241 Heating may cause a fire or explosion.  
H242 Heating may cause a fire.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.



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H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

Disclaimer

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.