



SAFETY DATA SHEET
CapSeal (resin component part A)

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

1.1 Product Identifier

Product name CapSeal (resin component part A)

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

Flam. Liq. 3 - H226

Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Asp. Tox. 1 - H304

Environmental hazards

Not Classified

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

Xn; R65. Xi; R36/38. R10

Human health

Vapours may irritate throat/respiratory system. May irritate eyes and skin.



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2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements

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.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P501 Dispose of contents/container in accordance with national regulations.

Contains

VINYL TOLUENE

Supplementary precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P264 Wash contaminated skin thoroughly after handling.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403+P235 Store in a well-ventilated place. Keep cool.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

QUARTZ SAND 20-50%

CAS number: 14808-60-7 EC number: 238-878-4

Classification Not Classified Classification (67/548/EEC or 1999/45/EC) -

VINYL TOLUENE 10-20%

CAS number: 25013-15-4 EC number: 246-562-2 REACH registration number: 01-2119622074-50-XXXX

Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H332 Classification (67/548/EEC or 1999/45/EC) Xn;R20,R65. Xi;R36/37/38. R10.



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Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Asp. Tox. 1 - H304

TITANIUM DIOXIDE			>0.5 <1.0%
CAS number: 13463-67-7	EC number: 236-675-5	REACH registration number: 01-2119489379-17-XXXX	
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

Inhalation

Irritation of nose, throat and airway.

Ingestion

May cause discomfort if swallowed.

Skin contact

May cause skin irritation/eczema.

Eye contact

Irritation of eyes and mucous membranes.

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

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

No unusual fire or explosion hazards noted.

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.

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.

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.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions

Do not use in confined spaces without adequate ventilation and/or respirator.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from oxidising materials, heat and flames.



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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.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

QUARTZ SAND

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³

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

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

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

WEL = Workplace Exposure Limit

VINYL TOLUENE (CAS: 25013-15-4)

DNEL

Industry - Inhalation; Long term systemic effects: 37 mg/m³

REACH dossier information

Industry - Inhalation; Long term local effects: 37 mg/m³

PNEC

- Fresh water; 0.0498 mg/l

REACH dossier information

- Marine water; 0.002 mg/l

- Intermittent release; 0.013 mg/l

- STP; 1 mg/l

- Sediment (Freshwater); 0.684 mg/kg

- Sediment (Marinewater); 0.0684 mg/kg

- Soil; 0.133 mg/kg

TITANIUM DIOXIDE (CAS: 13463-67-7)

DNEL

Industry - Inhalation; Long term systemic effects: 10 mg/m³

REACH dossier information

PNEC

- Fresh water; 0.127 mg/l

- Marine water; 1.0 mg/l

- Intermittent release; 0.61 mg/l

- STP; 100 mg/l

- Sediment (Freshwater); 1000 mg/kg

- Sediment (Marinewater); 100 mg/kg

- Soil; 100 mg/kg

REACH dossier information



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8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Liquid

Colour

Beige.

Odour

Aromatic.

Odour threshold

Not determined.

pH

Not applicable.

Melting point

Not determined.



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Initial boiling point and range
>165°C @

Flash point
53°C

Evaporation rate
Not determined.

Evaporation factor
Not determined.

Flammability (solid, gas)
Not determined.

Upper/lower flammability or explosive limits
Other flammability
Not determined.

Vapour pressure
6 hPa @ 20°C

Vapour density
Not determined.

Relative density
1.65 - 1.75 @ 20°C

Bulk density
Not applicable.

Solubility(ies)
Insoluble in water

Partition coefficient
Not determined.

Auto-ignition temperature
Not determined.

Decomposition Temperature
Not determined.

Viscosity
> 60 S ISO2431

Explosive properties
No information available.

Oxidising properties
Does not meet the criteria for classification as oxidising.

9.2. Other information



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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The following materials may react with the product: Organic peroxides/hydroperoxides.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Does not decompose when used and stored as recommended.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid

Organic peroxides/hydroperoxides.

10.6. Hazardous decomposition products

Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)

81.9121574

Inhalation

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

Ingestion

May cause discomfort if swallowed.

Skin contact

Causes skin irritation.

Eye contact

Irritating to eyes.

Acute and chronic health hazards

Irritating to skin. Irritating to eyes.

Route of entry

Skin and/or eye contact.

Medical symptoms

Irritation of eyes and mucous membranes. Irritation of nose, throat and airway. Skin irritation.

Medical considerations

Skin disorders and allergies.



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Toxicological information on ingredients.

VINYL TOLUENE

Acute toxicity - oral

Acute toxicity oral (LD50 mg/kg)

2,255

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50 mg/kg)

5

Species

Rabbit

Acute toxicity – inhalation

ATE inhalation (vapours mg/l)

11.0

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

Ecological information on ingredients.

VINYL TOLUENE

Acute toxicity - fish

LC50, 96 hours: 23.4 mg/l, Pimephales promelas (Fat-head Minnow)

12.2. Persistence and degradability

12.3. Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

Ecological information on ingredients.

VINYL TOLUENE

Partition coefficient

log Pow: 3.36

12.4. Mobility in soil

Mobility

Not applicable.

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

Not applicable.



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SECTION 13: DISPOSAL CONSIDERATIONS

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.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ICAO) 1866

14.2. UN proper shipping name

Proper shipping name RESIN SOLUTION

(ADR/RID)

Proper shipping name (IMDG) RESIN SOLUTION

Proper shipping name (ICAO) RESIN SOLUTION

Proper shipping name (ADN) RESIN SOLUTION

14.3. Transport hazard class(es)

ADR/RID class Exempt C1 2.2.3.1.5

IMDG class Exempt. IMDG Code Clause 2.3.2.5

IMDG subsidiary risk

ICAO class/division 3

ICAO subsidiary risk

Transport labels

14.4. Packing group

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

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

SECTION 15: REGULATORY INFORMATION

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

Revision comments

Revision date	01/09/2014
Revision	1
SDS number	HA4

Risk phrases in full

R10 Flammable.
R20 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R36/38 Irritating to eyes and skin.
R65 Harmful: may cause lung damage if swallowed.

Hazard statements in full

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

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.