

## Safety Data Sheet according to WHS Regulations

Printing Date: 29.09.2022

Version Number: 1.0

Revision Date: 29.09.2022

### 1 Identification

**Product identifier:**Trade name: ***BETEC FLX 110*****Relevant identified uses of the substance or mixture, and uses advised against:**

Relevant identified uses of the substance or mixture: Waterproofing.

Identified uses advised against: No further relevant information available.

**Details of the supplier of the safety data sheet:****Manufacturer/supplier:**GCP Australia Pty. Ltd.  
14 Colebard Street West  
Archerfield, Queensland 4108  
Australia**Further information obtainable from:**Tel: 1800 334 444  
Fax: +61 7-3275-7801  
APMSDS@gcpat.com**Emergency telephone number:** After hours - Tel. No. 1800 039 008

### 2 Hazard(s) Identification

**Classification of the substance or mixture:**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Carc. 1A H350 May cause cancer. Route of exposure: Inhalation.

STOT RE 1 H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

**Label elements:****GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).**Hazard pictograms**

GHS05 GHS08

**Signal word** Danger**Hazard-determining components of labelling:**Quartz (SiO<sub>2</sub>)  
Portland cement  
Calcium diformate**Hazard statements**Causes skin irritation.  
Causes serious eye damage.  
May cause cancer. Route of exposure: Inhalation.  
Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.**Precautionary statements**Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.

# Safety Data Sheet

## according to WHS Regulations

Printing Date: 29.09.2022

Version Number: 1.0

Revision Date: 29.09.2022

**Trade name: BETEC FLX 110**

(Contd. of page 1)

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Immediately call a POISON CENTER/doctor.

Get medical advice/attention if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:** Avoid breathing dust

### Information concerning particular hazards for human and environment:

This product contains Quartz (respirable) >10%.

**Description of Classification:** Classified as hazardous according to the criteria of Safe Work Australia.

### Other hazards:

### Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 3 Composition and Information on Ingredients

### Chemical characterization: Mixture:

**Description:** Mixture of substances listed below with non-hazardous additions.

#### Dangerous components:

14808-60-7	Quartz (SiO <sub>2</sub> )	Carc. 1A, H350; STOT RE 1, H372	30-<50%
65997-15-1	Portland cement	Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335	10-<20%
1317-65-3	Limestone		3-<5%
544-17-2	Calcium diformate	Eye Dam. 1, H318	1-<3%

#### Additional information:

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication 'List of Designated Hazardous Substances' or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication 'Approved Criteria for Classifying Hazardous Substances'.

## 4 First Aid Measures

### Description of first aid measures:

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### After skin contact:

Take off immediately all contaminated clothing, and wash immediately with plenty of soap and water.

IF exposed or concerned: Get medical advice/attention.

#### After eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

#### After swallowing:

Rinse mouth.

Do NOT induce vomiting.

(Contd. on page 3)

AU

**Safety Data Sheet**  
according to WHS Regulations

Printing Date: 29.09.2022

Version Number: 1.0

Revision Date: 29.09.2022

**Trade name:** *BETEC FLX 110*

(Contd. of page 2)

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed:** Risk of serious damage to eyes.

**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

## 5 Fire Fighting Measures

**Suitable extinguishing agents:** CO<sub>2</sub>, powder.

**Special hazards arising from the substance or mixture:**  
During heating or in case of fire poisonous gases are produced.

**Advice for firefighters:**

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:** Inform respective authorities in case of seepage into water course or sewage system.

**Methods and material for containment and cleaning up:** Send for recovery or disposal in suitable receptacles.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and Storage

**HANDLING****Precautions for safe handling:**

Do not eat, drink or smoke when using this product.

Store in a well-ventilated place. Keep container tightly closed.

Keep only in original container.

Use only outdoors or in a well-ventilated area.

**Information about fire - and explosion protection:** No special measures required.

**Conditions for safe storage, including any incompatibilities:****STORAGE**

**Information about storage in one common storage facility:** Keep respiratory protective device available.

**Further information about storage conditions:**

Keep container tightly sealed.

Store in a dry place.

Keep cool.

**Specific end use(s):** No further relevant information available.

.AU  
(Contd. on page 4)

**Safety Data Sheet**  
according to WHS Regulations

Printing Date: 29.09.2022

Version Number: 1.0

Revision Date: 29.09.2022

Trade name: **BETEC FLX 110**

(Contd. of page 3)

## 8 Exposure controls and personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### Control parameters:

#### Ingredients with limit values that require monitoring at the workplace:

##### 14808-60-7 Quartz (SiO<sub>2</sub>)

WES (Australia)	Long-term value: 0.05 mg/m <sup>3</sup> respirable dust
WEL (Great Britain)	Long-term value: 0.1 mg/m <sup>3</sup>
PEL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *resp. dust; 30mg/m <sup>3</sup> /%SiO <sub>2</sub> +2
REL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust
TLV (USA)	Long-term value: 0.025* mg/m <sup>3</sup> *respirable particulate matter, A2

##### 65997-15-1 Portland cement

WES (Australia)	Long-term value: 10 mg/m <sup>3</sup>
WEL (Great Britain)	Long-term value: 10* 4** mg/m <sup>3</sup> *inhalable dust **respirable dust
PEL (USA)	Long-term value: 50 mppcf or 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	Long-term value: 1* mg/m <sup>3</sup> E; *as respirable fraction, A4

##### 1317-65-3 Limestone

TWA (USA)	Short-term value: 10 mg/m <sup>3</sup> , mg/m <sup>3</sup> ppm Long-term value: 10 mg/m <sup>3</sup> , mg/m <sup>3</sup> ppm (Particulate matter no asbestos)
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**Additional information:** Based on the lists valid at the date of SDS creation.

### Exposure controls:

#### PERSONAL PROTECTIVE EQUIPMENT

##### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

##### Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European and national legislation.

**Protection of hands:** Protective gloves.

##### Material of gloves:

Rubber gloves.

Nitrile rubber.

##### Penetration time of glove material:

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Tightly sealed goggles.

##### Body protection:

Use personal protective equipment as required.

(Contd. on page 5)

AU

**Safety Data Sheet**  
according to WHS Regulations

Printing Date: 29.09.2022

Version Number: 1.0

Revision Date: 29.09.2022

**Trade name: *BETEC FLX 110***

(Contd. of page 4)

Take off contaminated clothing and wash before reuse.

## 9 Physical and Chemical Properties

### Information on basic physical and chemical properties:

#### GENERAL INFORMATION

##### Appearance:

Form:	Powder.
Colour:	Grey.
Odour:	Characteristic.
Odour threshold:	Not determined.

pH-value (~): Not applicable.

##### Change in conditions:-

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Not determined.
Flash point:	Not applicable.

Flammability (solid, gas): Not determined.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Product does not present an explosion hazard.

#### EXPLOSION LIMITS

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure: Not applicable.

Density at 20 °C: 1.3 g/cm<sup>3</sup>

Vapour density: Not determined.

##### Solubility in/Miscibility with:-

Water: Insoluble.

Partition coefficient: n-octanol/water: Not determined.

#### VISCOSITY

Dynamic: Not applicable.

Kinematic: Not applicable.

Molecular weight: Not determined.

**Other information:** No further relevant information available.

## 10 Stability and Reactivity

### Reactivity:

Stable under normal conditions.

No further relevant information available.

### Chemical stability:

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

### Possibility of hazardous reactions

No dangerous reactions known.

No further relevant information available.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

.AU  
(Contd. on page 6)

**Safety Data Sheet**  
according to WHS Regulations

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Version Number: 1.0

Revision Date: 29.09.2022

Trade name: **BETEC FLX 110**

(Contd. of page 5)

## 11 Toxicological Information

### Information on toxicological effects:

#### ACUTE TOXICITY

##### LD/LC50 values relevant for classification:

##### 544-17-2 Calcium diformate

Oral	LD50	3,050 mg/kg (rat) (OECD 401)
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#### Primary irritant effect

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye damage.

#### Repeated dose toxicity:

##### 544-17-2 Calcium diformate

Oral	NOAEL/28d	1,000 mg/kg bw/d (rat) (OECD 407)
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**Additional toxicological information:** May cause cancer. Route of exposure: Inhalation.

#### Other information :

The product was classified according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

## 12 Ecological Information

### Toxicity:

**AQUATIC TOXICITY** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

### BEHAVIOUR IN ENVIRONMENTAL SYSTEMS

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

### ADDITIONAL ECOLOGICAL INFORMATION

**General notes:** Must not reach sewage water or drainage ditch undiluted or unneutralised.

### Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

## 13 Disposal considerations

### Waste treatment methods:

#### Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Refer to State Land Waste Authority for disposal considerations.

Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles.

### UNCLEANED PACKAGING

**Recommendation:** Disposal must be made according to official regulations.

.AU  
(Contd. on page 7)

**Safety Data Sheet**  
according to WHS Regulations

Printing Date: 29.09.2022

Version Number: 1.0

Revision Date: 29.09.2022

Trade name: **BETEC FLX 110**

(Contd. of page 6)

### 14 Transport information

<b>UN-Number</b> ADG, IMDG, IATA	Not Regulated
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<b>UN proper shipping name</b> ADG, IMDG, IATA	Not Regulated
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<b>Transport hazard class(es)</b> ADG, ADN, IMDG, IATA Class	Not Regulated
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<b>Packing group</b> ADG, IMDG, IATA	Not Regulated
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<b>Environmental hazards:</b>	Not applicable.
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<b>Special precautions for user:</b>	Not applicable.
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<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not Regulated
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### 15 Regulatory information

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

See Section 2 for hazard identification.

**Australia: Priority Existing Chemicals**

None of the ingredients is listed.

**National regulations:**

**Other regulations, limitations and prohibitive regulations:** All ingredients are listed on AICS.

**Registered in the international inventory lists:** AICS (Australia)

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases:**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H350 May cause cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

**Department issuing SDS:**

EHS Department,  
Asia Pacific Region  
SCIP, Canlubang, Calamba City, Laguna  
Philippines 4028  
Tel: +63 (02) 8236-6820 to 24

**Contact:**

**The first date of preparation:** 28.01.2020

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