

Safety data sheet

according to 1907/2006/EC, Article 31

Date of issue: 25/11/2025

Trade name FORSHIELD-FX

Date of revision: 26/11/2028

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

1.1 Product identifier

Trade name FORSHIELD-FX

Article number: 202011

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

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Australian Importer / Supplier:

Name: Calce Company Pty Ltd

Address: 24/13-15 Baker Street, Banksmeadow NSW 2019, Australia

Telephone: +61 2 9666 4492

Email: info@calcecompany.com

Manufacturer

Forcrete Ltd

6 Fitzmaurice Court Industrial Estate, Valley Side, Wymondham NR18 0NN

Tel: +441603455962

Mob: +447472483348

Information department:

Product Safety department: George Hunt Tel: +447472483348

E-Mail: sales@forcrete.co.uk

1.4 Emergency telephone number:

Emergency Services (Australia): 000

Poisons Information Centre (Australia): 13 11 26 (24 hours / 7 days)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not classified

2.2 Label elements

EUH208 - Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)(55965-84-9), 1,2-benzisothiazol3(2H)-one(2634-33-5), 2-methyl-2H-isothiazol-3-one(2682-20-4). May produce an allergic reaction.

Safety data sheet

according to 1907/2006/EC, Article 31

Date of issue: 25/11/2025

Trade name FORSHIELD-FX

Date of revision: 26/11/2028

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

Components:		
CAS: 25085-34-1	Liquid Acrylic polymer	50%
CAS: 7732-18-5	Purified Water	39.99675%
CAS: 25035-69-2	Butyl acrylate-methacrylic acid-methyl methacrylate copolymer	10%
CAS: 2634-33-5	1,2-benzisothiazolin-3-one	0.003%
CAS: 55965-84-9	5-chloro-2-methyl-4-isothiazolin-3-one	0.00025%

SECTION 4: First aid measures

4.1 Description of first aid measures

General information In all cases of doubt, or when symptoms persist, seek medical attention

After inhalation Move the affected person away from the contaminated area and into the fresh air. If irritation persists, consult doctor.

After skin contact Wash with plenty of water/.... If skin irritation or rash occurs: 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. Consult an ophthalmologist if irritation persists.

After swallowing Rinse mouth out with water. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

symptomatic treatment

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents Water fog. Dry powder. Foam. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture Carbon dioxide. Carbon monoxide. Nitrogen oxides.

5.3 Advice for firefighters

Safety data sheet

according to 1907/2006/EC, Article 31

Date of issue: 25/11/2025

Trade name FORSHIELD-FX

Date of revision: 26/11/2028

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product

6.2 Environmental precautions:

Avoid release to the environment. Do not allow to enter drains or water courses.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 13 for information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe vapours.

Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers: No special requirements.

Information on storage in a common storage facility: none

Further information about storage conditions: Protect from frost.

7.3 Specific end use(s) No further relevant information available

SECTION 8: Exposure controls/personal protection

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

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.

Additional information: The lists that were valid during compilation were used as a basis.

8.2 Exposure controls

Personal protective equipment

Respiratory equipment:

In case of insufficient ventilation/or spraying procedures: Respiratory equipment with particle filter
P 2

Safety data sheet

according to 1907/2006/EC, Article 31

Date of issue: 25/11/2025

Trade name FORSHIELD-FX

Date of revision: 26/11/2028

In case of brief exposure or low pollution load, use respiratory protection equipment with filter. In case of intensive or longer exposure, use self-contained respiratory protection equipment.

Protection of hands:

Protective gloves.

The glove material must be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the Degradation

Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

The exact break through time must be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: if there is a risk of splashes

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid

Colour: Milky

Odour: Slight

Odour threshold: Not determined.

pH-value at 20°C: Not determined.

Change in condition

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not determined.

Flash point: Not determined.

Inflammability (solid, gaseous) Not applicable.

Ignition temperature: not applicable

Decomposition temperature: Not determined.

Self-inflammability: Product is not self-igniting.

Explosive properties: Product is not explosive.

Explosive Limits:

Lower: Not determined.

Safety data sheet

according to 1907/2006/EC, Article 31

Date of issue: 25/11/2025

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Upper: Not determined.
Vapour pressure at 20°C: Not determined.
Density at 20 °C: 1.04 g/cm ³ Relative density: Not determined. Vapour density: Not determined. Evaporation rate: Not determined.
Solubility in / Miscibility with Water: Fully miscible
Distribution coefficient (n-octanol/water): Not determined.
Viscosity: Dynamic at 20°C: 260000-400000 Pa.s Kinematic: Not determined.
Organic separation test: Not determined.
VOC EU: Not determined.
9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if handled and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

11.1 Information on toxicological effects Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification: No further relevant information available.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Sensitisation:

May cause an allergic skin reaction.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

Safety data sheet

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Trade name FORSHIELD-FX

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

Recommendation

Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation

European waste catalogue

08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number ADR, IMDG, IATA UN3082	This product is not dangerous according to ADR, ADN, IMDG, IATA. VOID
14.2 UN proper shipping name ADR IMDG IATA	VOID
14.3 Transport hazard class(es) ADR, IMDG, IATA Class	VOID
14.4 Packing group ADR, IMDG, IATA	VOID
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
UN "Model Regulation":	VOID

Safety data sheet

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SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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

SECTION 16: Other information

Delivery specifications are found in the respective Technical Information Sheets.

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.

Classification according to Regulation (EC) No 1272/2008 Calculation method

Department issuing data specification sheet: Product Safety department / EHS

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative