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Section 1: Identification of the Material and Supplier

Product Name:	Roof Reviver Base
Other Names:	Water based pure acrylic polymer.
Recommended Use:	Paint for restoration of tile roofs.
Supplier:	Flexitech Pty Ltd
Address:	93 Kelliher Road, Richlands, QLD, 4077 Australia
Telephone:	+61 7 3375 9888
Fax:	+61 7 3375 9799
Emergency Contact Details:	During working hours (+61 7 3375 9888)
Email:	info@flexitechpl.com.au
Website:	www.flexitechpl.com.au
SDS Revision Date:	22/07/2021

Section 2: Hazards Identification

2.1 GHS Classification of the substance or mixture

This product is not hazardous per the Globally Harmonized System of Classification and Labelling (GHS).

2.2 Label elements:

Pictogram:

Signal words:

Risk description: No known significant effects or critical hazards.

2.3 Precautionary statements:

Preventive measures:

Use the necessary personal protective equipment (gloves, goggles, protective clothing etc.). Clean the exposed parts of the body in case of skin contact. No eating, drinking, or smoking in the workplace. Use only outdoors or in a well-ventilated area.

Accident response:

If inhaled: In case of reactions, seek medical advice.

In case of eye or skin contact: Wash with plenty of water/soap. In case of reactions, consult a physician.

If swallowed: Rinse mouth. Do not induce vomiting. If swallowed seek medical advice immediately.

In case of leakage: Collect leakage.

Suitable extinguishing substances: Carbon dioxide (CO₂), Foam, Extinguishing powder, Water spray jet.

2.4 Storage: Please store the product in sealed original packaging, cool and dry condition. Storage temperature should be maintained between 5°C and 30°C. The product should be protected from freezing during storage. Immediately seal the package after use.

2.5 Disposal: To avoid the damage to human body and environment, do not store food and other items in the used empty packaging without harmless treatment; Recycling, utilization and disposal packaging should be in accordance with the applicable legislation. The disposer should be responsible for the damage and loss caused by improper waste disposal.

2.6 Physical and Chemical hazards: May cause pollution to water and soil.

2.7 Health hazard: No

2.8 Environmental hazards: Do not allow to enter sewage system in case of blockage due to polymer deposition.

Section 3: Composition / Information on Components

Product Components:

Main Components	CAS No.	Proportion (%)
Acrylic ester copolymer	25133-97-5	43 +/-1
Water	7732-18-5	57 +/-1

Section 4: First Aid Measures

4.1 Description of first aid measures

General advice: In case of accident or unwellness, seek medical attention immediately (show directions for use or Safety Data Sheet if possible).

If inhaled: No special measures are necessary. In case of irritation, seek medical advice.

In case of skin contact: Wash with plenty of water/soap. In case of skin reactions, consult a physician.

In case of eye contact: Rinse cautiously with water for at least 20 minutes. Contact an ophthalmologist.

If swallowed: If uncertain or if experiencing adverse symptoms, seek medical advice immediately.

4.2 Important symptoms and effects - acute and delayed: May cause irritation by skin contact.

4.3 Indication of any immediate medical attention and special treatment needed: First Aid, decontamination, treatment of symptoms.

4.4 Notes for physician: Treat symptomatically.

Section 5: Firefighting Measures

5.1 Extinguishing Media: Water fog, foam, dry extinguishing media

5.2 Hazards characteristics: Burning conditions will release toxic smoke

5.3 Hazards during firefighting: Carbon monoxide, Carbon dioxide, Oxynitride

5.4 Protective equipment for fire-fighters: Firefighters must wear self-contained breathing apparatus.
Transfer containers to an open area.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures:

Personal precautions: Use personal protection equipment. Keep unauthorized persons away.

6.2 Environmental precautions: Do not empty into drains.

6.3 Methods and material for containment and clean up:

Methods for clean up: Absorb with liquid-binding material (e.g., sand, diatomaceous earth, acid-or universal binding agents). Treat the recovered material as described in the section on waste disposal.

6.4 Reference to other sections:

Safe handling: see section 7.

Personal protection equipment: see section 8.

Disposal: see section 13.

Section 7: Handling and Storage

7.1 Control parameters: The product does not contain any relevant quantities of materials with critical values that have to be mentioned at the workplace.

7.2 Handling: Necessary precautions required in the handling of volatile solvents must be taken. Ensure adequate ventilation and, if necessary, exhaust ventilation when handling or transferring the product. Avoid contacting with skin, eyes, and clothing. When using this product, do not eat, drink, or smoke. Wash hands thoroughly after handling. There may be harmful residues in empty containers. Use recommended personal protection – see section 8.

7.3 Storage: The product will keep stable for twelve months when stored in its sealed original packaging at temperatures between 5°C and 30°C. Storage at temperatures below 5°C will freeze the

product and cause irreversible damage. The product should therefore be protected from freezing during storage. Store apart from edible foods.

Section 8: Exposure Controls / Personal Protection

8.1 Exposure controls

8.1.1 Concentration limit: Butyl Acrylate (CAS#141-32-2): PC-TWA=25mg/m³

8.1.2 Respiratory protection: Respiratory equipment required in an insufficiently ventilated working areas and during spraying.

8.1.3 Hand protection: Use protective safety gloves.

Recommendation: contaminated gloves should be disposed of.

8.1.4 Eye protection: Wear eye/face protection.

8.1.5 Body protection: Wear suitable protective clothing.

8.2 Personal Protective Equipment (PPE): Selection of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian Standards, including:

AS 1336:	Recommended practices for eye protection in the industrial environment.
AS/NZS 1337:	Eye protectors for industrial application.
AS/NZS 1715:	Selection, use and maintenance of respiratory protective devices.
AS 2161:	Industrial safety gloves and mittens (excluding electrical and medical gloves).
AS/NZS 2210:	Occupational protective footwear.
AS 2919:	Industrial clothing.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties.

Physical state	Liquid
Colour	Milky Ivory
Odour	Lightly inherent odour
Odour Threshold	Not established
pH	8.0 – 10.0
Pour point	Not established
Initial boiling point	Approx. 100°C (water)
Flash point	Not established
Evaporation rate	Not established
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	Not established
Vapour density	Not established
Density	ca. 1.03 g/cm ³ at 20°C
Miscibility with water	Miscible with water at 20°C
Surface tension	Not established
Partition coefficient (n-octanol/water)	Not established
Auto-ignition temperature	Not applicable
Ignition temperature	Not applicable
Decomposition temperature	Not established
Viscosity dynamic	2200 – 2500 cPs (at 25°C)
Explosive properties	Not established
Dust explosion class	Not applicable
Oxidising properties	Not established

9.2 Other information: The indicated values do not necessarily correspond to the product specification. Please refer to the technical information sheet for specification data.

Section 10: Stability & Reactivity

10.1 Stability: No decomposition when used and stored properly.

10.2 Materials to avoid: Acids, bases, and electrolytic solutions.

10.3 Conditions to avoid: Strong light, high temperature and low temperature.

10.4 Hazardous decomposition products: Can produce oxycarbide.

Section 11: Toxicological Information

Toxicological studies on the product are not yet available.

11.1 Toxicological information - General

Acute toxic: No significant toxic or corrosive property. If a large amount swallowed, can cause vomiting.

Skin irritation/corrosion: Not classified - if prolonged skin contact, may produce redness, irritation, and other allergic phenomena.

Eye irritation/corrosion : Not classified – may have irritating effects after contact.

Section 12: Ecological Information

Ecotoxicological studies of the product are not available. Do not allow the product to escape into waterways, wastewater, or soil.

Section 13: Disposal Considerations

13.1 Waste treatment methods

13.1.1 Disposal considerations: Do not dispose of with household waste. Do not allow to enter drains. Disposal of waste should be in accordance with the applicable State and/or Local government regulations.

13.1.2 Uncleaned empty packaging: Handle contaminated packages in same way as substance itself.

13.1.3 Suitable cleaning agents: Water (with cleaning agent). Retain contaminated washing water and dispose of it in accordance with State and/or Local government regulations.

Section 14: Transport Information

ADR/RID

14.1 UN number	Not dangerous goods
14.2 UN proper shipping name	Not dangerous goods
14.3 Transport hazard class	Not dangerous goods
14.4 Packing group	Not dangerous goods
14.5 Environment hazards	Not dangerous goods

ADN

14.1 UN number	Not dangerous goods
14.2 UN proper shipping name	Not dangerous goods
14.3 Transport hazard class	Not dangerous goods
14.4 Packing group	Not dangerous goods
14.5 Environment hazards	Not dangerous goods

IATA

14.1 UN number	Not dangerous goods
14.2 UN proper shipping name	Not dangerous goods
14.3 Transport hazard class	Not dangerous goods
14.4 Packing group	Not dangerous goods
14.5 Environment hazards	Not dangerous goods

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IMDG

14.1 UN number	Not dangerous goods
14.2 UN proper shipping name	Not dangerous goods
14.3 Transport hazard class	Not dangerous goods
14.4 Packing group	Not dangerous goods
14.5 Environment hazards	Not dangerous goods

14.6 Special precautions for user

See section 6-8.

Additional information: Not dangerous cargo.

Section 15: Regulatory Information

15.1 The product is classified and labelled according to Regulation (EC) No. 1272/2008 (GHS/CLP).

15.2 Safety, health, and environmental regulation/legislation specific for substance or mixture
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances: Not applicable.

15.3 AICS: All the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16: Other Information

16.1 Indication of changes: This version replaces all previous versions.

16.2 Abbreviations and acronyms:

AICS: Australian Inventory of Chemical Substances

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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ADR:	European Agreement Concerning the International Carriage of Dangerous Goods by Road
CAS Number:	Chemical Abstracts Service Registry Number
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods Code
RID:	Regulations Concerning the International Transport of Dangerous Goods by Rail
STEL:	Short-Term Exposure Limit
TWA:	Time-weighted average
UN Number:	United Nations Number

Document Information:

16.3 The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of publication. The information given is designed only as guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

End of SDS