

100% acrylic multi-purpose primer

DESCRIPTION

ACT PR-2 is a synthetic, latex based liquid, which can be used for priming a range of substrates prior to the use of ACT Australia Adhesives and water based waterproofing membranes. PR-2 will eliminate dust and reduce porosity of plasterboard, fibrous cement sheeting, cement render and porous concrete.

FEATURES & BENEFITS

- ◊ Easy application
- ◊ Reduces porosity of substrate
- ◊ Eliminates dust
- ◊ Suitable for internal and external use
- ◊ Extends open time of adhesives

SUITABLE FOR

- ◊ Porous concrete
- ◊ Fibrous cement sheeting
- ◊ Plasterboard
- ◊ Sand and cement screeds
- ◊ Cement render

COVERAGE

1 litre of ACT PR-2 will cover approximately 10m². Coverage may vary depending on substrate type and porosity.

SUBSTRATE PREPARATION

All substrates to be tiled must be clean, dry, free from dust, wax, oil, grease, laitance, curing compounds, paints (inc overspray), coatings and all contaminants which may cause adhesion failure. Concrete substrates should be porous, ideally have wood float finish and be allowed to cure for 28 days. Sand and cement screeds and renders should be allowed to cure for 7 days. Plasterboard and fibrous cement sheeting must be fixed as per manufacturer's recommendations for tiling. Waterproof boards such as Scyon Secura and Cemintel Constructafloor must be primed with ACT PR-1 or if in wet area waterproofed with ACT WP-1. If in doubt with any of above please contact ACT Australia Technical Services.

APPLICATION

Stir ACT PR-2 before use and apply ACT PR-2 to the substrate using a brush or roller. Allow ACT PR-2 to fully dry. Ensure no ponding of primer occurs. Use ACT Australia tile adhesives such as ADH-33, ADH-44 and ADH-55.

DRYING

PR-2 will normally dry in less than 30 minutes at 23°C depending on substrate porosity and weather conditions. Ensure fully dry before commencement of tiling or waterproofing.

CLEAN UP

Any excess of PR-2 can be cleaned easily with water prior to drying on tools.

SHELF LIFE

In unopened original packaging for up to 12 months when stored in a cool, dry environment off the floor.

PACKAGING

ACT PR-2 is packaged in 20 litre & 4 litre plastic containers.

SAFETY DIRECTIONS

ACT Australia supports best practise in material handling. Appropriate gloves, dust masks, safety glasses and protective clothing should be worn. If product comes in contact with skin, wash off with soapy water. Avoid inhaling dust by wearing appropriate dust mask. If swallowed, drink plenty of drinkable water and seek medical advice. In case of contact with the eyes, rinse with clean water or eye wash solution and seek medical advice.

LIMITATIONS

- ◊ Do not use PR-2 in temperatures below 5°C or above 35°C.
- ◊ Do not use on non-porous substrates.
- ◊ Do not apply to wet substrates.
- ◊ If in doubt, contact ACT Australia Technical Services for further information and advice.

Classified as non-hazardous according to criteria of Worksafe Australia

Section 1: Identification of the substance/mixture and of the company

1:1 Product Identifier

Product Name: PR-2 Porous Substrate Primer
Other Names: None
Product Code: PR-2

1:2 Relevant identified uses of the product

Application: Multi purpose acrylic primer for various substrates

1.3 Supplier details

Supplier: Adhesive Construction Technology Pty Ltd (ABN: 65 167 149 233)
Address: 65 Dunn Rd Rocklea QLD 4106
Phone: 1300 794 321 | 07 3255 5601
Emergency Phone: 1300 794 321

The information contained in this safety data sheet is accurate on the date of issue and in accordance with the information available at that time. Persons dealing with products referred to in this safety data sheet do so at their own risk. ACT Australia accepts no liability whatsoever for damage or injury, however caused, arising from use of this information or of suggestions contained herein.

Section 2: Hazard Identification

2:1 Classification of product

Non-Hazardous product

Hazard Statements:

N/A

Precautionary Statements:

N/A

2.3 Other hazards

Other hazards: N/A

Section 3: Composition/Information on Ingredients

3:1 Mixtures

Proprietary blend of Alkyl acrylate-styrene copolymer, sodium hydroxide, styrene and ingredients determined not hazardous, including water.

| Chemical Name | CAS-No. | % | Hazard Classification |
|---------------------------|---------|------|-----------------------|
| Non Hazardous Ingredients | N/A | 100% | N/A |

Section 4: First Aid Measures

4:1 Description of first aid measures

| | |
|---------------|--|
| Inhalation: | Move subject to fresh air. Monitor and consult a physician if concerned |
| Skin Contact: | Wash skin with plenty of soap and water. Remove contaminated clothing and launder before re-use |
| Eye Contact: | Flush eyes with large amount of water, holding eyelids apart. Consult a physician if irritation persists |
| Ingestion: | Flush mouth with copious amounts of water. Consult a physician |

4:2 Symptoms caused by exposure

| | |
|---------------|---|
| Inhalation: | Excessive exposure to vapours may cause irritation |
| Skin Contact: | Adverse effects are not expected from a single, brief contact with product However, prolonged or frequently repeated skin contact with this product may result in irritation |
| Eye Contact: | May be an irritant |
| Ingestion: | Adverse effects not expected |

4:3 Medical Attention and Special Treatment

N/A

Section 5: Fire Fighting Measures

5:1 Suitable extinguishing media

This is a non-flammable material. Use suitable extinguishing media for the surrounding area.

5:2 Specific hazards

None Applicable

5:3 Special protective equipment and precautions for fire fighters

Chemical resistant clothing should be used along with respiratory protection.

Section 6: Accidental Release Measures

6:1 Personal precautions, protective equipment and emergency procedures

Wear appropriate clothing, gloves, eye protection and facemask. The use of barrier cream is recommended

Emergency Procedures: N/A

6:2 Environmental precautions

Do not allow product to enter waterways. Dispose in accordance with local regulations.

6:3 Methods and materials for contaminant and cleaning up

Ensure appropriate PPE is used when cleaning wet product. Dispose in accordance with local regulations.

Section 7: Handling and Storage

7:1 Precautions for safe handling

Use appropriate PPE

7:2 Conditions for safe storage, including any incompatibilities

Store in a cool dry location.

Incompatibilities: N/A

Section 8: Exposure Controls and Personal Protection

8:1 Control parameters

No exposure limits set for this product

8:2 Exposure controls

Provide adequate ventilation.

8:3 Personal protective equipment (PPE)

Wear protective gloves

Wear goggles/face shield

Wear protective clothing

The use of barrier cream is recommended

Remove all contaminated PPE carefully to avoid contact with skin or eyes. Wash contaminated clothing thoroughly before reuse. Wash skin with soap and water after work

Environmental exposure controls: Not available

Section 9: Physical and Chemical Properties

9:1 Physical and chemical properties

| | |
|----------------------|---------------------------------|
| Appearance: | A green liquid |
| Odour: | Minimal |
| Odour threshold: | N/A |
| Solubility in water | Miscible with water |
| Flash point: | Not available |
| Flammability limits: | Not Available |
| Stability: | Stable |
| Vapour pressure: | Approx. 2.3 kPa (water @ 20°C) |
| Specific gravity: | 1.01 - 1.05kg/Litre |
| Boiling point: | Approx. 100°C (water) |
| Volatile component: | N/A |
| Auto ignition temp | N/A |

Section 10: Stability & Reactivity

10:1 Reactivity

None known

10:2 Chemical stability

Product is stable under normal temperature conditions

10:3 Conditions to avoid

N/A

10:4 Incompatible materials and possible hazardous reactions

Incompatible materials: N/A

Hazardous reactions: N/A

10:5 Hazardous decomposition products N/A

Section 11: Toxicological Information

11:1 Information and symptoms related to exposure

| | |
|--|--|
| Acute Toxicity: | No data available |
| Skin corrosion/irritation: | Prolonged or frequently repeated contact with skin may result in slight irritation. |
| Serious eye damage/irritation: | Prolonged or frequently repeated contact with eye may result in irritation. |
| Respiratory or Skin Sensitisation: | Excessive exposure to vapours may cause irritation to eyes, nose & throat |
| Germ Cell Mutagenicity: | No data available |
| Carcinogenicity: | No data available |
| Reproductive Toxicity: | No data available |
| Specific Target Organ Toxicity (STOT) Single Exposure: | Can cause coughing and irritation to airway of susceptible individuals |
| Repeated Exposure: | Repeated exposure over a long period of time may cause irritation to airway, skin and eyes |
| Aspiration Hazard: | No data available |

11.2 Numerical measures of toxicity

No data available

11.3 Immediate, delayed or chronic health effects from exposure

| | |
|------------|---|
| Immediate: | May be an irritant of the skin, eyes & throat |
| Delayed: | Allergic skin reaction, irritation, coughing wheezing & possible injury to eyes |
| Chronic: | None expected |

11.4 Exposure levels

Exposure levels: N/A

11.5 Interactive effects

| | |
|---------------|--|
| Inhalation: | Respiratory conditions such as asthma can increase risk of coughing and wheezing |
| Skin contact: | Sensitivity of the skin can lead to greater risk of allergic skin reactions |

11.6 Data limitations

Data limitations: N/A

Section 12: Ecological Information

12:1 Ecotoxicity

This product is not expected to be hazardous to the environment

12:2 Degradability

No data available

12:3 Bio-accumulative potential

No data available

12:4 Mobility in soil

No data available

12:5 Other adverse effects

None known

Section 13: Disposal Considerations

Section 13:1 Safe disposal of product and packaging

Dispose of all waste in accordance with local regulations

Section 14: Transport Information

| | |
|--|----------------|
| 14:1 UN number: | None allocated |
| 14:2 Proper shipping name: | None allocated |
| 14:3 Transport hazard class: | None allocated |
| 14:4 Packaging group: | None allocated |
| 14:5 Environmental hazards: | N/A |
| 14:6 Special transport precautions: | N/A |
| 14:7 Hazchem code: | N/A |

Section 15: Regulatory Information

15:1 Safety, health and environmental regulations specific to the product

N/A

15:2 Poisons schedule number

N/A

Section 16: Regulatory Information

This SDS has been prepared 17th November 2016. This SDS will be reviewed every 5 years. The latest version of this SDS will be available for download from actaus.com This SDS may change from time to time as new information becomes available or in the case of a change in formulation. This SDS is has been prepared as a new document to bring into line with Globally Harmonized System requirements.

16:2 Abbreviations and acronyms used in this SDS

GHS = Globally Harmonized System

HC - = Hazard Category

CAS = Chemical Abstract Service

N/A = Not Applicable

TWA = Time Weighted Average

USECHH = Use and Standard of Exposure Chemical Hazardous to Health.

STOT = Specific Target Organ Toxicity

STOT SE = Specific Target Organ Toxicity – Single Exposure

STOT RE = Specific Target Organ Toxicity – Repeated Exposure

mg/m³ = milligram per cubic metre

This SDS has been prepared using information provided by the manufactures of the ingredients contained in this product. This product is a mixture of ingredients.

.... END OF SDS

This SDS has been developed in accordance to Worksafe Australia/NOHSC guidelines