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## Material Safety Data Sheet

Product Unitex® Polymer Render  
Date of Issue 22nd May 2012

### 1. Identification of the material and supplier

#### Product Information

Trade name Unitex® Polymer Render (also known as Fibro Render)  
Company Unitex Granular Marble Pty Ltd  
22 Park Drive  
Dandenong, Vic. 3175  
Australia  
Telephone +61 3 9768 4900  
Telefax +61 3 9768 4999  
Emergency telephone number +61 3 9768 4900 (BH)  
Use of the Product Water based acrylic render finish for walls. Shows very good adhesion on fibro cement sheet.

### 2. Hazards Identification

Not classified as hazardous according to the criteria of NOHSC.  
Not classified as dangerous goods according to the Australian Code for Transport of Dangerous Goods.  
UN number: Not applicable  
Hazchem code: Not applicable  
Poisons code: Not applicable

### 3. Composition/Information on ingredients

Ingredients	CAS Number	Proportion
Water	7732-18-5	3- 6 %
Acrylic Emulsion Polymer	Proprietary	10-15 %
Mineral grains	Proprietary	75-85 %
Pigments	Proprietary	3- 5 %
Organic functional additives	Proprietary	<2 %

### 4. First Aid measures

Swallowed  
Rinse mouth with water. If swallowed, give a glass of water to drink. Seek medical advice.

Eyes  
If in eyes, wash out immediately with water. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

Skin Health effects  
If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs, seek medical advice.



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#### Inhaled

Remove victim from area of exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

#### Advice to Doctor

Treat symptomatically.

### **5. Fire-fighting measures**

#### Hazards from combustion products

Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning, toxic fumes may be emitted.

#### Precautions for fire fighters and special protective equipment

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

#### Suitable Extinguishing Media

Not combustible. However, if material is involved in a fire, use fine water spray, normal foam or dry agents such as carbon dioxide or dry chemical powder.

### **6. Accidental Release measures**

#### Emergency procedures

If contamination of sewers or waterways has occurred, advise local emergency services.

#### Methods & materials for containment and clean-up.

Small spills	Slippery when wet, sticky when partially dry. Avoid accidents. Clean up immediately. Collect in a container for disposal via special chemical waste collection.
Large spills	Slippery when wet, sticky when partially dry. Avoid accidents. Clean up immediately. Contain the spill to prevent run off into drains and waterways. Use absorbent (ie soil, sand or other inert material) material. Collect and seal in properly labeled containers or drums for disposal.

### **7. Handling and storage**

#### Storage Conditions

Store in a cool place and out of direct sunlight. Keep containers closed when not in use – check regularly for leaks. Keep from freezing as material may coagulate. The minimum recommended storage temperature for this material is 1°C. The maximum recommended storage temperature for this material is 49°C.

#### Safe handling advice

Provide good ventilation or extraction.

Wear personal protective equipment.

Unitex® Polymer Render is supplied in 15 litre pails with a weight of approx. 28-30 kg. Manual handling of this product is not recommended as this may result in personal injury. If no mechanical aids are available, a pail may be lifted and carried by 2 persons. Ensure that each has been trained in how to share the pail weight and move this type of pail.

### **8. Exposure Controls/Personal Protection**

Exposure Limits	None.
Ventilation	Provide adequate ventilation. If using indoors, keep windows and doors open during use. Keep containers closed when not in use.
Personal Protection	Overalls, Safety shoes, safety glasses, gloves



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### Protective Equipment

#### Respiratory Protection

None required under normal operating conditions. When mist occurs during spraying operations, wear a AS1716 approved (or equivalent) disposable half-mask, dust/mist respirator.

#### Eye Protection

Use chemical splash goggles (AS1337 or approved equivalent).

#### Hand Protection

Use neoprene gloves. Gloves of other chemically-resistant materials may not provide adequate protection.

### Manufacture, Packaging and Transport

Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## **9. Physical and chemical properties**

Form	Thick grainy paste.
Colour	Off-White.
Odour	Faintly aromatic.
pH	8 - 10.
Density	Approx 1.8 - 2 g/cm <sup>3</sup> .
Bulk density	Not applicable
Boiling point	100°C
Melting point	0°C.
Vapour pressure	Not applicable.
% Volatiles	8 – 15%
Auto Ignition temperature	Not Combustible

## **10. Stability and reactivity**

Chemical stability	Stable under normal conditions of use.
Conditions to avoid	Avoid swallowing. Avoid contact with foodstuffs.
Thermal decomposition	No decomposition if used correctly.
Hazardous reactions	No hazardous reactions when stored and handled according to instructions.

## **11. Toxicology information**

No adverse health effects expected if this product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are documented below.

### Ingestion

Symptoms due to the presence of the Non-Hazardous Components in this product would only be seen if unusually large amounts (approx 50 litres) are ingested in one sitting. Before then, nausea and vomiting would occur.

### Eye contact

May be an eye irritant.

### Skin contact

Contact with skin may result in irritation.



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#### Inhalation

Where this material is used in poorly ventilated areas, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headaches and nausea.

#### Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The statement was derived from products of similar composition

### **12. Ecological information**

Ecotoxicity                      Avoid contaminating waterways.

### **13. Disposable considerations**

Disposal Methods              Must be dumped or incinerated in accordance with local authority guidelines.

### **14. Transport information**

#### Road and Rail transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail. **NON DANGEROUS GOODS.**

#### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. **NON DANGEROUS GOODS.**

#### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. **NON DANGEROUS GOODS.**

### **15. Regulatory information**

Australian Legislation              Non-hazardous according to criteria of NOHSC.

Poison schedule                      Not listed

#### Registration

Australia (AICS)                      Listed/registered

New Zealand (ERMA)                Listed/registered

### **16. Other information**

Date amended and issued    22nd May 2012

Prepared in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition (NOHSC: 2011 (2003))

### **END OF REPORT**

This information contained herein relates only to the specific material identified. Unitex Granular Marble Pty Ltd believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made to the accuracy, reliability or completeness of the information. Unitex urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.