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# Safety Data Sheet

## Hazardous Substance, NON-Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

#### Product Information

Trade name: **Unitex® Uni-Dry Cote® HiLite Render**

Company: Unitex Australia 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: render for coating over masonry walls. Applied by trowel.

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### 2. HAZARDS IDENTIFICATION

This material is hazardous according to the health criteria of Safe Work Australia



**Signal Word**  
Danger

**Hazard Classification**  
Skin Corrosion/Irritation – Category 2  
Serious Eye Damage/Irritation – Category 1  
Carcinogenicity – Category 1A  
Specific Target Organ Toxicity (Single Exposure) – Category 3

**Hazard Statements**  
H315 Causes skin irritation  
H318 Causes serious eye damage  
H335 May cause respiratory irritation  
H350 May cause cancer



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### Prevention Precautionary Statement(s)

- P102 Keep out of reach of children  
P103 Read label before use  
P201 Obtain special instructions before use  
P202 Do not handle until all safety precautions have been read and understood  
P261 Avoid breathing dust  
P264 Wash hands, face and all exposed skin thoroughly after handling  
P271 Use only outdoors or in a well ventilated area.  
P281 Use personal protective equipment as required

### Response Precautionary Statement(s)

- P101 If medical advice is needed, have product container or label at hand  
P312 Call a POISON CENTRE or doctor/physician if you feel unwell  
P302+P352 IF ON SKIN: Wash with soap and water  
P362 Take off contaminated clothing and wash before re-use  
P332+P313 If skin irritation occurs: Get medical advice/attention  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

### Storage Precautionary Statement(s)

- P405 Store locked up  
P403+233 Store in a well ventilated place. Keep container tightly closed

### Disposal Precautionary Statement(s)

- P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

**Poisons Schedule (Aust):** Not applicable

### DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Proportion
Portland cement	65997-15-1	22-30 %
Fly Ash	63131-74-8	5 - 12 %
Crystalline silica, respirable	14808-60-7	< 0.1 %
Ingredients determined to be non-hazardous		<u>Balance</u>
		100 %

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## 4. FIRST AID MEASURES

### 4.1 Health Effects

If poisoning occurs, contact a doctor or Poisons Information Centre (in Australia, call 131 126).



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### Swallowed

**Health effects** Is mildly abrasive and corrosive and may cause nausea/stomach cramps/constipation. Unlikely under normal conditions of use.

**First Aid:** Rinse mouth with milk or water. DO NOT give carbonated (fizzy) drinks. DO NOT induce vomiting. After rinsing the mouth, give plenty of water to drink. If symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

### Eyes

**Health effects** Irritating and corrosive to the eyes. May cause chemical conjunctivitis, redness, watering and damage to the cornea.

**First Aid:** Flush eyes with tepid running water for at least 15 minutes, removing any foreign bodies. Seek medical attention if symptoms persist.

**Skin Health effects:** Irritating and drying to skin – can result in irritant dermatitis from mechanical abrasion. Wet mortar is irritating and corrosive to skin and may cause skin sensitization (dermatitis). There may be a trace of hexavalent chromium present in Portland cement which may cause allergic dermatitis in some individuals.

**First Aid** Wash with tepid soapy water; shower if necessary.

### Inhaled

**Health effects:** Irritating to the nose, throat and respiratory tract causing coughing and sneezing. Repeated inhalation of the dust may cause bronchitis.

**First Aid:** Remove to fresh air. Keep at rest. Seek medical advice if symptoms persist.

### 4.2 Chronic Health Effects

Repeated inhalation of dust may cause bronchitis. It may also increase the risk of scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels and internal organs).

### Advice to Doctor

Treat symptomatically.

### Aggravated Medical Conditions Caused by Exposure

Studies have shown that smoking increases the risk of bronchitis. It is recommended that all storage and work areas should be smoke free zones.

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## 5. FIRE-FIGHTING MEASURES

<b>Hazchem Code</b>	None allocated
<b>Flammability</b>	Not flammable
<b>Extinguishing media</b>	None required
<b>Hazards from combustion products</b>	None – does not decompose on heating
<b>Special Protective Precautions &amp; Equipment for Fire Fighters</b>	None



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### 6. ACCIDENTAL RELEASE MEASURES

#### Emergency Procedures

Avoid generating and breathing dust. If dust is generated, wear a class P1 or P2 particulate respirator (AS/NZS 1715, 1716).

#### Containment Procedures

A fine water spray should be used to suppress dust when sweeping.

#### Clean-up Procedures

Work areas should be cleaned regularly by wet sweeping or vacuuming. If dust generation cannot be avoided, follow PERSONAL PROTECTION recommendations.

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### 7. HANDLING AND STORAGE

#### Safe Handling Advice

Provide good ventilation or extraction.

Wear personal protective equipment

Unitex® Uni-Dry Cote® HiLite Render is packed in 14 kg multi-ply paper sacks. There are no restrictions on manual handling of this product.

#### Advice on protection against fire and explosion

No special protective measures against fire required.

#### Conditions for Safe Storage

Unitex® Uni-Dry Cote® HiLite Render should be stored in a dry place, in their original multi-ply paper sacks. Avoid moisture to prevent hardening. When stored correctly in dry, unopened sacks, a shelf life of 6 months ought to be expected.

Drivers of trucks transporting Unitex® Uni-Dry Cote® HiLite Render should ensure that the paper sacks are correctly restrained on a pallet.

**Incompatibilities**      None

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Exposure Limits

Unitex® Uni-Dry Cote® HiLite Render is supplied as a blended dry powder. Prior to application, the powder is mixed with water and mixed to a smooth, viscous slurry and is then trowel or spray applied onto masonry surfaces such as brick walls. As Unitex® Uni-Dry Cote® HiLite Render contains Portland cement as a major component, it is classed as a Hazardous, Non-Dangerous product.



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When wet, Unitex® Uni-Dry Cote® HiLite Render, particularly in slurry form, can dry the skin and cause alkali burns. Continued exposure to individuals who are allergic to chromium, could cause severe allergic dermatitis.

For powder products containing Portland cement, keep exposure to dust as low as possible. If inspirable dust levels are kept below 2 mg/m<sup>3</sup>, health problems such as skin, eye and respiratory irritation will be minimised.

### 8.2 Engineering Controls

Avoid generating dust. All work with Unitex® Uni-Dry Cote® HiLite Render should be carried out in such a way as to minimize exposure to dust and repeated skin contact. Where dust could be generated whilst handling the product, use local mechanical ventilation or extraction in areas where dust could escape into the work environment.

Work areas should be cleaned regularly by wet sweeping or vacuuming. If generating dust cannot be avoided, see personal protection recommendations below.

### 8.3 Ventilation

Where practical, the workplace should be well ventilated with suitable means of dust collection/suppression equipment so as to maintain acceptable airborne dust levels. Persons with a history of respiratory illness or reduced pulmonary function should avoid work places with high dust levels.

### 8.4 Personal Protection

#### Skin

Wear loose comfortable protective clothing and impervious boots. Apply barrier creams to hands or wear cotton or light duty leather gloves (AS/NZS 2161). Wash thoroughly after handling. Wash clothes regularly and keep separate from other clothes.

#### Eyes

Safety spectacles with side shields or safety goggles (dust resistant AS/NZS 1336) should be worn if dust is likely to be generated.

#### Respiratory

If dust is generated, wear a class P1 or P2 particulate respirator (AS/NZS 1715). Use only respirators which bear the Australian Standards mark and are fitted correctly. Note that persons with facial hair will have difficulty in obtaining a satisfactory face seal. For alternatives, see AS/NZS 1715: Selection and maintenance of Respiratory Protective Devices.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Blended powder – grey in shade
<b>Odour</b>	None
<b>pH</b>	alkaline slurry formed with water
<b>Density</b>	approx 2.3 – 2.8 g/cm <sup>3</sup>
<b>Boiling point</b>	not applicable



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<b>Freezing/Melting point</b>	> 1400 °C
<b>Vapour density</b>	not applicable
<b>Vapour pressure</b>	not applicable
<b>Solubility</b>	Essentially insoluble. However, some components are slightly soluble in water forming an alkaline (caustic) product
<b>Flash point</b>	not applicable
<b>Ignition temperature</b>	not applicable
<b>Additional Information</b>	Respirable Fraction: approximately 5-10 % of particles are below 7 microns in diameter (in the respirable range)

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### 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Chemically stable
<b>Conditions to avoid</b>	Keep in moisture proof containers to prevent hardening
<b>Incompatible Materials</b>	Will harden in moist conditions
<b>Hazardous Decomposition Products</b>	None
<b>Hazardous Reactions</b>	Avoid reaction with hydrogen fluoride (hydrofluoric acid) and other fluorine containing compounds

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### 11. TOXICOLOGICAL INFORMATION

<b>Health effects from the likely routes of exposure</b>	Refer Section 4: FIRST AID MEASURES
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### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No information available. Product may be eco-damaging as it can form an alkaline slurry with water.
<b>Persistence &amp; Degradability</b>	Product would be persistent and have a low degradability
<b>Mobility</b>	No information available. A low mobility would be expected in a landfill



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setting.

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### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Methods &amp; Containers</b>	Follow safety requirements indicated in Section 6. Collect in containers and dispose as trade waste in accordance with local authority guidelines.
<b>Special considerations for landfill or incineration</b>	Avoid generating dust during disposal..

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### 14. TRANSPORT INFORMATION

<b>UN Number</b>	None allocated
<b>UN Proper shipping Name</b>	None allocated
<b>Class &amp; Subsidiary Risk</b>	Not applicable
<b>Packaging Group</b>	None allocated
<b>Special Precautions for Use</b>	Avoid generating and breathing dust
<b>Hazchem Code</b>	None allocated

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### 15. REGULATORY INFORMATION

<b>Australian Legislation</b>	Hazardous according to criteria of Safe Work Australia..
<b>Poison schedule</b>	Not listed
<b>Registration</b>	
Australia (AICS)	Listed/registered
New Zealand (ERMA)	Listed/registered

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### 16. OTHER INFORMATION

<b>Date amended and issued</b>	<b>28<sup>th</sup> June 2021</b>
Replaced issue of	19 <sup>th</sup> April 2016

Prepared in accordance with the Safe Work Australia national model "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals" (July 2020)



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**END OF REPORT**

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