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Safety Data Sheet

Hazardous Substance, NON-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Information

Trade name: Unitex® Panel Patch

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 patching compound with 4-hour fire rating. Applied by trowel.

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
Specific Target Organ Toxicity (Single Exposure) – Category 3

Prevention Precautionary Statement(s)

P102 Keep out of reach of children
P103 Read label before use
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.
P280 Wear protective clothing, gloves, eye/face protection and suitable dust mask

MATERIAL SAFETY DATA SHEET

CLADDING | RENDERS | TEXTURES | MOULDINGS + COLUMNS | ACCESSORIES
Unitex Granular Marble Pty Ltd ACN 005 995 611 ABN 42 087 324 477
Unitex Render Warehouse (SA) Pty Ltd ACN 601 059 929 ABN 96 601 059 929



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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+352	IF ON SKIN: Wash with soap and water
P362	Take off contaminated clothing and wash before reuse
P332+313	If skin irritation occurs: Get medical advice/attention
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P314	Get medical advice/attention if you feel unwell.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P310	Immediately call a POISON CENTRE or doctor/physician

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
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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".

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Proportion
Portland cement	65997-15-1	40-50 %
Crystalline silica, respirable	14808-60-7	< 0.1 %
Ingredients determined to be non-hazardous		Balance

Panel Patch does not contain any Red List chemicals. The Red List chemicals are:

- Alkylphenols
- Asbestos
- Bisphenol A (BPA)
- Cadmium
- Chlorinated Polyethylene and Chlorosulphonated Polyethylene
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFCs)
- Chloroprene (Neoprene)
- Chromium VI
- Chlorinated Polyvinyl Chloride (CPVC)
- Formaldehyde (added)
- Halogenated Flame Retardants (HFRs)
- Lead (added)
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Perfluorinated Compounds (PFCs)
- Phthalates
- Polyvinyl Chloride (PVC)
- Polyvinylidene Chloride (PVDC)
- Short Chain Chlorinated Paraffins

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- Wood treatments containing Creosote, Arsenic or Pentachlorophenol
- Volatile Organic Compounds (VOCs) in wet-applied products

4. FIRST AID MEASURES

4.1 Health Effects

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.

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 render 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.

5. FIRE-FIGHTING MEASURES

Hazchem Code	None allocated
Flammability	Not flammable
Extinguishing media	None required
Hazards from combustion products	None – does not decompose on heating

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Special Protective Precautions & Equipment for Fire Fighters

None

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.

7. HANDLING AND STORAGE

Safe handling advice

Provide good ventilation or extraction.

Wear personal protective equipment.

Unitex® Panel Patch is packed in 8 kg multi-ply valve pack paper sacks. There are no special provisions for lifting these sacks.

Use local mechanical ventilation or extraction in areas where dust could escape into the work environment.

Personal safety requirements are outlined in Section: Exposure Control / Personal Protection.

Advice on protection against fire and explosion

No special protective measures against fire required.

Storage

Unitex® Panel Patch should be stored in a dry place, in the original multi ply paper sacks. Avoid moisture to prevent hardening.

Drivers of trucks transporting Unitex® Panel Patch should ensure that the paper sacks are correctly restrained on a pallet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Limits

Unitex® Panel Patch is supplied as a blended dry powder. Prior to application, the powder is mixed with water with a mechanical stirrer to a smooth consistency and is then troweled onto moulded cement profiles and other building products such as lightweight concrete block-work and panels. As Unitex® Panel Patch contains Portland cement as a major component, it is classed as a Hazardous, Non-Dangerous product.,

For the blended, dry powder, the National Exposure Standard from Worksafe Australia is:

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Total dust, containing no asbestos and < 1 % crystalline silica, Threshold Limit Value (TLV) Time Weighted Average (TWA) 10 mg/m³ measured as respirable dust.

Crystalline silica (quartz): 0.2 mg/m³ TWA as respirable dust (< 7 micron particle equivalent aerodynamic diameter).

Respirable crystalline silica (quartz) exposure levels should be kept below a recommended upper threshold limit of 0.05 mg/m³ TWA.

However, where a State or Territory prescribes a lower exposure standard, the lower exposure standard applies. When wet, Unitex® Panel Patch, 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 Portland cement, keep exposure to dust as low as possible. If inspirable dust levels are kept below 2 mg/m³, health problems such as skin, eye and respiratory irritation will be minimised.

8.2 Engineering Controls

Avoid generating dust. All work with Unitex® Panel Patch 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Powder
Colour	Off-White to Grey

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Odour	nil
pH	alkaline slurry formed with water
Density	approx 1.3 – 1.8 g/cm ³
Boiling point	not applicable
Freezing/Melting point	> 1400 °C
Vapour density	not applicable
Vapour pressure	not applicable
Solubility	essentially insoluble, however, some components are slightly soluble in water forming an alkaline (caustic) product
Flash point	not applicable
Ignition temperature	not applicable
Additional Information	Respirable Fraction: approx 5-10 % of particles are below 7 microns in diameter (in the respirable range)

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Health effects from the likely routes of exposure	Refer Section 4: FIRST AID MEASURES
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12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available. Product may be eco-
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damaging as it can form an alkaline slurry with water

Persistence & Degradability

Product would be persistent and have a low degradability

Mobility

No information available. A low mobility would be expected in a landfill setting

13. DISPOSAL CONSIDERATIONS

Disposal Methods & Containers

Follow safety requirements indicated in Section 6. Collect in containers and dispose as trade waste in accordance with local authority guidelines

Special considerations for landfill or incineration

Avoid generating dust during disposal.

14. TRANSPORT INFORMATION

UN Number
UN Proper shipping Name
Class & Subsidiary Risk
Packaging Group
Special Precautions for Use
Hazchem Code

None allocated
None allocated
Not applicable
None allocated
Avoid generating and breathing dust
None allocated

15. REGULATORY INFORMATION

Australian Legislation

Hazardous according to criteria of Safe Work Australia

Poison schedule

Not listed

Registration

Australia (AICS)
New Zealand (ERMA)

Listed/registered
Listed/registered

16. OTHER INFORMATION

Date amended and issued;

8th November 2018

Prepared in accordance with the National model Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals (2011)

END OF REPORT

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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 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.

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