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Safety Data Sheet

NON-Hazardous Substance, NON-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Information

Trade name: **Unitex® Cembond Substrate Sealer**

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: cement modifier and sealer coating.

2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

Poisons Schedule (Aust): Not applicable

DAINGEROUS 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
Ingredients determined to be non-hazardous		100%

4. FIRST AID MEASURES



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Inhalation

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.

Skin Contact

If skin contact occurs, remove contaminated clothing and wash skin with running water. If swelling, redness, blistering or irritation occurs, seek medical advice.

Eye Contact

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

Ingestion

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. If vomiting occurs, give further water. Seek medical advice.

PPE for First Aiders

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code	None allocated
Flammability	Not flammable
Extinguishing media	If material is involved in a fire, use water fog (or, if unavailable, fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).
Hazards from combustion products	Non-combustible material
Special Protective Precautions & Equipment for Fire Fighters	Not combustible. However following evaporation of aqueous component, residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Skin

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



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Eyes

Safety spectacles with side shields or safety goggles.

Environmental Precautions

Prevent material from entering drains and/or waterways

Emergency procedures

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

Methods and materials for containment and clean-up.

Small spills: Slippery when wet, sticky when partially dry. Avoid accidents. Clean up immediately with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

Large spills: Slippery when wet, sticky when partially dry. Avoid accidents. Clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work upwind or increase ventilation. Contain the spill to prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal.

Caution: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

Safe handling advice

Provide good ventilation or extraction.

Wear personal protective equipment.

Unitex® Cembond Substrate Sealer is supplied in 1 litre or 15 kg plastic pails, with a weight of approx. 20 kg. It is recommended that all manual handling of products greater than 15 kg be undertaken by load shifting equipment. Manual handling of this product is not recommended as this may result in personal injury. If no mechanical aids are available, you must not lift this product unless you share the load with 2 or more persons for weights from 15 to 20 kilograms and 3 or more persons up to 40 kilograms. For weights greater than 40 kilograms, mechanical aids for load shifting must be used. Prior to manual handling, it is recommended that a manual handling risk assessment be undertaken.

Storage

Unitex® Cembond Substrate Sealer should be stored in a dry place, in the original pails.

Avoid storing in open containers to prevent thickening and skinning.

Drivers of trucks transporting Unitex® Cembond Substrate Sealer should ensure that the pails are correctly restrained on a pallet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

National occupational exposure limits:

No value assigned for this specific material by Safe Work Australia.

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)", the ingredients in this material do not have a Biological Limit Allocated.



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Engineering measures

Use only in well ventilated areas. Keep containers closed when not in use.

Personal Protection Equipment

Overalls, Safety Shoes, Safety Glasses, Gloves

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation exists, wear organic vour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Hygiene Measures:

When using, do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Liquid
Colour	Milky White
Odour	faintly aromatic

Physical data

Boiling Point	100 °C
Melting Point (°C):	0 °C
Vapour Pressure:	17 mm Hg at 20 °C
% Volatiles:	60 – 63 %
pH value	7.5 – 9.0
Specific Gravity:	1.0 – 1.2 g/cm ³
Bulk Density:	Not applicable
Auto Ignition Temperature:	Not Combustible



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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. TOXICOLOGICAL INFORMATION

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

Inhalation:

Where the material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes and respiratory track, headache and nausea.

Skin contact

Contact with skin may result in irritation.

Ingestion

No adverse effects expected however large amounts may cause nausea and vomiting.

Eye contact

May be an eye irritant.

Acute toxicity

Inhalation

This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): > 20 mg/L

Skin contact

This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): > 2000 mg/Kg

Ingestion

This material has been classified as non-hazardous.
Acute toxicity estimate (based on ingredients): > 2000 mg/Kg

Corrosion/Irritancy

Eye: This material has been classified as not corrosive or irritating to eyes.
Skin: This material has been classified as not corrosive or irritating to skin.

Sensitisation

Inhalation: This material has been classified as not a respiratory sensitizer.
Skin: This material has been classified as not a skin sensitizer.



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Aspiration hazard:

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Specific target organ toxicity (single exposure):

This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity:

This material has been classified as non-hazardous.

Carcinogenicity

This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation)

This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure):

This material has been classified as non-hazardous.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways

Acute aquatic hazard

No information is available to complete an assessment.

Long term aquatic hazard

No information is available to complete an assessment.

Ecotoxicity

No information available.

Persistence & Degradability

No information available.

Bioaccumulation potential

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used. See Section 8 "Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.



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14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & 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 Safe Work Australia
Poison schedule	Not listed
Registration	
Australia (AICS)	Listed/registered
New Zealand (ERMA)	Listed/registered

16. OTHER INFORMATION

Date amended and issued; 2nd November 2016

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