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Safety Data Sheet

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Information

Trade name: Unitex® Dryseal
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: protective penetration sealer for cementitious surface.

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

Class	Category	Route of exposure
Chronic aquatic toxicity	Category 3	
Acute toxicity (Inhalation)	Category 4	

Pictogram :



Signal Word: Warning

Hazardous warning: Harmful if inhaled

Precautionary statements: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Use only outdoors or in a well-ventilated area. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

Other hazards:

The hazards of this product are associated mainly with its processing. Inhalation of decomposition products in high concentration may cause shortness of breath (lung oedema). Inhalation of aerosol or fine spray mist may cause serious respiratory problems.

The following ingredient(s) with unknown hazards to the aquatic environment: 34:

Contains chloromethylisothiazolinone and methylisothiazolinone (3:1), aminopropyltriethoxysilane. May produce an allergic reaction.

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

RENDERS | TEXTURES | CLADDING | MOULDINGS | COLUMNS
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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Ingredients	CAS Number	Proportion
Polysiloxane		<25 %
Proprietary Additive	N/A	<10 %
Other ingredients determined to be non-hazardous		75 – 95 %

4. FIRST AID MEASURES

Inhalation

Remove victim from area of exposure – provide fresh air. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact

If skin contact occurs, remove contaminated clothing and Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

Eye Contact

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

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

Ingestion

Give several small portions of water to drink. Do not induce vomiting.

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	water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand.
Hazards from combustion products	Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous combustion products: carbon oxides, silicon oxides, nitrogen oxides, incompletely burnt hydrocarbons, toxic and very toxic fumes.
Special Protective Precautions & Equipment for Fire Fighters	Use respiratory protection independent of recirculated air. Keep unprotected persons away.



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. If material is released indicate risk of slipping. Do not walk through spilled material.

Environmental Precautions

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

Emergency procedures

Inform authorities if substance leaks into surface waters, sewerage or ground.

Methods and materials for containment and clean-up.

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

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® Dryseal is supplied in 5L or 15L pails, its weight is below 20 kg. Prior to manual handling, it is recommended that a manual handling risk assessment be undertaken.

Storage

Unitex® Dryseal should be stored in a dry place in the original pails. Protect against sun. Protect against frost. Store container in a well-ventilated place. Avoid storing in open containers.

Minimum temperature allowed during storage and transportation: 0 °C

Do not allow this material to freeze.

Maximum temperature allowed during storage and transportation: 40 °C

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

National occupational exposure limits:

Maximum airborne concentrations at the workplace:

CAS No.	Material	Type	mg/m ³	ppm	Dust fract.	Fibre/m ³
	Aerosol-inhalable		10.0			
64-17-5	Ethanol	ES_AU	1900.0	1000.0		

- The aerosol limit specified is a recommendation should aerosol be formed during processing.



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Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Combined filter type ABEK-P2 (certain inorganic, organic and acidic gases and vapors; ammonia/amines; particles), according to acknowledged standards such as EN 14387

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387

Observe the equipment manufacturer's information and wear time limits for respirators.

Select and use respirators in accordance with AS1715/1716.

Eye protection

Recommendation: protective goggles.

Hand protection

Use of protective gloves is recommended when handling the material.

Recommended glove types: Protective gloves made of butyl rubber
thickness of the material: > 0.3 mm

Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of nitrile rubber

thickness of the material: > 0.1 mm

Breakthrough time: > 480 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.

Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

Skin protection

protective clothing

Biological Limit Values:

Prevent material from entering surface waters, drains or sewers and soil.

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 vapor/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 vapor, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Low Viscosity Liquid
Colour	Milk White
Odour	near no smell

RENDERS | TEXTURES | CLADDING | MOULDINGS | COLUMNS

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Physical data

Boiling Point	100 °C
Melting Point (°C):	0 °C
pH value	approx. 7
Specific Gravity:	1.0 g/cm ³
Bulk Density:	Not applicable
Auto Ignition Temperature:	Not Combustible

10. STABILITY AND REACTIVITY

Chemical stability:	If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
Conditions to avoid	Heat, open flames, and other sources of ignition.
Thermal decomposition	The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation. To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous reactions	By hydrolysis: ethanol. Reacts with: basic substances and acids. Reaction causes the formation of: ethanol

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:
Assessment:
For this endpoint no toxicological test data is available for the whole product.

Skin contact
Assessment:
For this endpoint no toxicological test data is available for the whole product.

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

Eye contact
Assessment:
For this endpoint no toxicological test data is available for the whole product.



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Acute toxicity

Assessment:

For similar products no indications for a specific hazard due to aerosol inhalation were identified in animal tests. However, inhalation of respirable aerosol should be avoided.

Sensitization

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Aspiration hazard:

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific target organ toxicity (single exposure):

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Chronic Toxicity

Bioaccumulation is not expected to occur.

Mutagenicity:

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Carcinogenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Reproductive toxicity (including via lactation)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Specific target organ toxicity (repeat exposure):

Assessment:

For this endpoint no toxicological test data is available for the whole product.

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.



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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.

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; 4th April 2018



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

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 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