

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PROTECTGUARD WF PREMIUM

Product Code: 2138

Use: Protection product. Porous mineral substrates.

Supplier: Guard Industry Australia Pty Ltd

ACN: 655 873 297

Business Name: Guard IND Australia

ABN: 51 655 873 297

Street Address: 9a Byron Rd, Armadale, WA 6112

Telephone Number: 1300 249 767

Email: info@guardindustry.com.au

Website: www.guardindustry.com.au

Emergency Telephone: 1300 249 767 (Business Hours)

0414 726 474 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

Classification of the substance or mixture:

Eye irritation: Category 2

SIGNAL WORD: WARNING



Hazard Statement(s):

H319 – Causes serious eye irritation

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Precautionary Statement(s):

Prevention:

- P101 If medical advice is needed, have product container or label at hand
- P102 Keep out of reach of children.
- P103 Read label before use.
- P104 Read Safety Data Sheet before use.
- P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 – Keep container tightly closed
- P260 – Do not breathe fume/mist/vapour/spray
- P264 – Wash hands thoroughly after handling
- P273 – Avoid release to environment
- P280 - Wear protective gloves/eye protection/ face protection.

Response:

- P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower..
- P304 + P340 + P312 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P370 + P378 in case of fire: Use alcohol-resistant foam, carbon dioxide or dry sand to extinguish.

Storage:

- P405 – Store in a well-ventilated place. Keep cool. Keep protected from direct sunlight.

Disposal:

- P501: Dispose of contents/container in accordance with local waste management authority.

Poisons Schedule (Australia): n/a

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Tetrabutyl titanate*	5593-70-4	1 – 2.5%	H315
Methanol	67- 56 - 1	0 – 1%	
Non hazardous ingredients	-	To 100%	

* GHS Section 2.6.2 Note 2:

Liquids with a flash point of more than 35 °C and not more than 60 °C **may be regarded as non-flammable liquids** for some regulatory purposes (transport).

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4. FIRST AID MEASURES

Inhalation: Remove victim from 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 recovered. Seek medical attention.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water. See a doctor if skin irritation, swelling, and redness or blistering occurs, seek medical attention. Wash clothing before reuse.

Eye Contact: Immediately hold eyelids open and flood the eye continuously with clean cold water for at least 15 minutes. Continue flushing for at least 15 minutes until advised to stop by a Poisons Information Centre or a doctor. Get urgent medical attention.

Ingestion: Immediately rinse mouth thoroughly with water. Do NOT induce vomiting. Give a glass of water. Repeat if vomiting occurs. If patient is not conscious do NOT give anything by mouth. Get urgent medical attention.

Medical advice: For advice, contact Poisons Information Centre, phone 131126, or call a doctor.

Notes to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Fire will produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breath in smoke.

Fire fighting advice: Wear SCBA and chemical splash outfit. Fully encapsulating gas-tight suits must be worn for maximum protection.

Fire Extinguishing Media: Use sprayed water or water mist, powder, carbon dioxide, dry sand, Alcohol resistant foam.

Hazchem Code: N/A

Flammability: Non-flammable liquid

6. ACCIDENTAL RELEASE MEASURES

Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent material onto spillage. Mop up material and place into the same container. If spillage enters the waterways contact the Environmental Protection Authority, or your Waste Management Authority.

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7. HANDLING AND STORAGE

Handling advice: Open container cautiously, especially in hot weather. Avoid contact with the skin and eyes. Keep out of the mouth. Wear neoprene, latex, or PVC gloves and an eye shield.

Storage advice: Keep the container tightly closed in a dry well-ventilated place. Keep away from direct sunlight. Storage temperature between 5 and 25C. Maximum storage 12 months.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
METHANOL	200	262	250	328

Engineering Controls: The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof ventilation equipment. DO NOT USE IN CONFINED SPACES.

Personal Protection Equipment: Wear natural latex, nitrile rubber, butile rubber or PVC gloves and an eye shield. Wear chemical resistant clothing including a chemical resistant apron where clothing is likely to be contaminated. Avoid breathing vapour.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fluid Liquid

Boiling Point: 180°C

Melting Point: Not known.

Flash Point: 40C

Fire point: 110C

Vapour Pressure: Not Known

Vapour Density (Air = 1): N/A

Flammability Limits: Non Flammable.

Specific Gravity: 1.03

pH (1% dispersion): Not applicable

Solubility in water: Insoluble

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed containers at room temperature and containers have vented lids.

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11. TOXICOLOGICAL INFORMATION

Acute Toxicity;

LD50 > 2000 mg/kg

LC50 > 240 mg/l

Acute Health Effects:

Ingested: No adverse effects

Eye: Splashes may have reversible effects on eyes, such as eye irritation which is totally reversible by the end of observation at 21 days

Skin: Mild skin irritation.

Inhaled: May cause dizziness and drowsiness.

Chronic: Prolonged contact with dilute solutions may degrease the skin.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and shall be disposed of in accordance with all federal, E.P.A, state and local regulations. Assure conformity with all applicable regulations.

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14. TRANSPORT INFORMATION

UN Number: N/A

Proper Shipping Name: PROTECTGUARD WF PREMIUM

Dangerous Goods Class: N/A

Subsidiary risk: N/A

Packing Group: N/A

Hazchem Code: N/A

Road and Rail Transport: Not classified as Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road and Rail*

*2.3.1.3 Liquids meeting the definition in 2.3.1.2 with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids for the purposes of this Code. Liquids are considered to be unable to sustain combustion for the purposes of this Code (i.e. they do not sustain combustion under defined test conditions) if:

- (a) they have passed a suitable combustibility test (see SUSTAINED COMBUSTIBILITY TEST prescribed in the Manual of Tests and Criteria, Part III, sub-section 32.5.2; or PART 2: CLASSIFICATION Australian Dangerous Goods Code Edition 7.4 page 71
- (b) their fire point according to ISO 2592:2000 is greater than 100 °C; or
- (c) they are water miscible solutions with a water content of more than 90% by mass.

15. REGULATORY INFORMATION

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Poisons Schedule: N/A

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since GUARD INDUSTRY cannot anticipate or control the conditions under which this information can be used, each user must review this information in the specific context of the intended application.

GUARD INDUSTRY will not be responsible for any damage or loss of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those mandated by Commonwealth, State or Territory legislation.

Abbreviations:

LD50: The dose of a test substance resulting in 50% lethality in a given time period

LC50: The concentration of a test substance resulting in 50% lethality in a given period

UFI: Unique formulation identifier

TWA: Time weighted average

TLV: Threshold Limit Value (exposure)

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