

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** PROTECTGUARD CE 2142

**Use:** Protection product. Concrete

**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](mailto:info@guardindustry.com.au)

**Website:** [www.guardindustry.com.au](http://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 7<sup>th</sup> Revised Edition.

**Hazard Classification:** HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

**Classification of the substance or mixture:**

Skin irritation: Category 2

**SIGNAL WORD:** WARNING



**Hazard Statement(s):**

H315 – Causes skin 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.  
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
Isobutyltriethoxysilane	17980-47-1	50 – 90%	H315;
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	-	Less than 10%	
Non-hazardous material	-	To 100%	

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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, foam, multipurpose ABC powder, carbon dioxide. Do not use water jets.

**Hazchem Code:** N/A

**Flammability:** Not-flammable. Combustible liquid

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## 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.

## 7. HANDLING AND STORAGE

**Handling advice:** Wash hands after handling. No smoking, eating or drinking in areas where the mixture is used.

**Storage advice:** Keep the container tightly closed in a dry well-ventilated place.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Occupational Exposure Limits:** None assigned

**Engineering Controls:** The use of local exhaust ventilation is recommended to control process emissions near the source.

**Personal Protection Equipment:** Wear gloves (Nitrile, PVA) 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:** Not Known

**Melting Point:** Not known.

**Flash Point:** Not relevant

**Vapour Pressure:** Not Known

**Vapour Density (Air = 1):** N/A

**Flammability Limits:** Non Flammable.

**Specific Gravity:** < 1

**pH (neat):** not relevant

**Solubility in water:** Soluble

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## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity;** Not known

**Acute Health Effects:**

**Ingested:** No adverse effects

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

**Skin:** May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

**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 CE 2142

**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.

## 15. REGULATORY INFORMATION

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## 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.

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