

# Material Safety Data Sheet

*This material is hazardous according to criteria of NOHSC.*

*Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.*

## 1. Identification of the substance/preparation and of the company/undertaking

**Product Name:** PARFIX WATERSHIELD

**Supplier:** Orica Australia Pty Ltd  
**ABN:** 004 117 828  
**Street Address:** 1 Gow Street  
Padstow 2211  
Australia

**Telephone Number:** 1300 132 082  
**Facsimile:** 1300 555 305

**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

## 2. Composition/information on ingredients

**Product Description:** Clear liquid.  
Water-repellant coating for tiles and grout.

Components / CAS Number	Proportion	Risk Phrases
Mineral turpentine	>60%	R38, R65
-		
Alkyd silicone resin	10 - 30%	-
-		
Ingredients determined not to be hazardous	to 100%	-
-		

## 3. Hazards identification

**Risk Phrases:** Flammable. Irritating to skin. Harmful: May cause lung damage if swallowed.

**Poisons Schedule:** None allocated.

## 4. First-aid measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

**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. If patient finds breathing difficult and develops a bluish discoloration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply

**Product Name:** PARFIX WATERSHIELD  
**Substance No:** 000000017017

**Issued:** 23/03/2004 **Version:** 1

# Material Safety Data Sheet

artificial respiration if patient is not breathing. Seek immediate medical advice. Seek immediate medical advice.

**Skin Contact:** If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water and soap. If swelling, redness, blistering or irritation occurs seek medical assistance.

**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. Seek medical advice.

**Notes to physician:** Treat symptomatically.

## 5. Fire-fighting measures

**Specific Hazards:** Flammable liquid. May form flammable vapour mixtures with air. Avoid all ignition sources. Flameproof equipment is necessary in all areas where this chemical is being used. Nearby equipment must be earthed. Vapour may travel a considerable distance to source of ignition and flash back.

**Fire-fighting advice:** Heating can cause expansion or decomposition of the material, which can lead to the containers exploding. If safe to do so, remove containers from the path of fire. On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Suitable Extinguishing Media:** Foam, dry agent (carbon dioxide, dry chemical powder).

## 6. Accidental release measures

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Shut off all possible sources of ignition. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

## 7. Handling and storage

**Handling advice:** Avoid skin and eye contact and breathing in vapour. Use away from sources of heat and ignition. Take precautionary measures against static discharges.

**Storage advice:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

## 8. Exposure controls/personal protection

### Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Mineral turpentine: 8hr TWA = 480 mg/m<sup>3</sup>

**Product Name:** PARFIX WATERSHIELD  
**Substance No:** 000000017017

**Issued:** 23/03/2004

**Version:** 1

# Material Safety Data Sheet

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

## Engineering Control Measures:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour respirator. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

## Personal Protective Equipment:

Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. If risk of inhalation exists, wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. Physical and chemical properties

Physical state:	Clear Liquid
Odour:	Solvent
Solubility:	Insoluble in water.
Specific Gravity:	0.85
Relative Vapour Density (air=1):	Not available
Vapour Pressure (20 °C):	3 mm Hg
Flash Point (°C):	32
Flammability Limits (%):	1.0 - 6.0% in air.
Autoignition Temperature (°C):	Not available
% Volatile by Weight:	>80%
Boiling Point/Range (°C):	164

## 10. Stability and reactivity

**Stability:** Incompatible with oxidising agents.

## 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:

**Ingestion:** Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs.

**Product Name:** PARFIX WATERSHIELD  
**Substance No:** 000000017017

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# Material Safety Data Sheet

**Eye contact:** May be an eye irritant.  
**Skin contact:** Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.  
**Inhalation:** Vapour may be irritating to the respiratory system. Breathing in high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

**Long Term Effects:**  
Exposure to high vapour concentrations may have adverse effects on the central nervous system. Repeated or prolonged use may defat the skin and produce dermatitis. (1)

**Toxicological Data:**  
No LD50 data available for the product.

## 12. Ecotoxicological information

Avoid contaminating waterways.

## 13. Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature.

## 14. Transport information

### Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

**UN No:** 1263  
**Class-primary:** 3 Flammable Liquid  
**Packing Group:** III  
**Proper Shipping Name:** PAINT

**Hazchem Code:** 3[Y]

### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**UN No:** 1263  
**Class-primary:** 3 Flammable Liquid  
**Packing Group:** III  
**Proper Shipping Name:** PAINT

**Product Name:** PARFIX WATERSHIELD  
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**Issued:** 23/03/2004 **Version:** 1

# Material Safety Data Sheet

## Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**UN No:** 1263  
**Class-primary:** 3 Flammable Liquid  
**Packing Group:** III  
**Proper Shipping Name:** PAINT

## 15. Regulatory information

**Classification:** This material is hazardous according to criteria of NOHSC.  
Xn: Harmful  
Xi: Irritant

**Risk Phrase(s):** R10: Flammable.  
R38: Irritating to skin.  
R65: Harmful: May cause lung damage if swallowed.

**Safety Phrase(s):** S16: Keep away from sources of ignition - No smoking.  
S23: Do not breathe vapour/mist/aerosol.  
S24/25: Avoid contact with skin and eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

**Poisons Schedule:** None allocated.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. Other information

(1) Supplier Material Safety Data Sheet; 12/ 2000.

This material safety data sheet has been prepared by SH&E Shared Services, Orica.

**Reason(s) for Issue:**  
First Issue Primary MSDS

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1.

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Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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