

## SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: April 24

**PRODUCT:** VersEseal Non Porous Substrate Primer

**Other Names:** Non Penetrating Primer

**Uses:** Industrial Protective Coating

**Signal Word:** Warning

<b>UN No.:</b>	NR
<b>Dangerous Goods Class:</b>	NR
<b>Subsidiary Risk:</b>	None
<b>Packing Group:</b>	NR
<b>Hazchem Code:</b>	NR
<b>Poisons Schedule:</b>	5

<b>Hazardous Nature:</b>	This product is classified as not hazardous under the GHS criteria.
<b>Hazard Statement:</b>	Not hazardous: intentionally left blank
<b>GHS Classification:</b>	No GHS Hazard Classification applies

### Physical Characteristics (Typical) Section 9 of the SDS

Appearance	White to clear, mobile liquid
Boiling Point/Range (°C):	> 135
Flash Point (°C):	> 95
Specific Gravity/Density (g/ml @ 15°C):	1.0
pH:	8.0 +/- 1.0
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Strong oxidising agents, excessive heat

### Product Ingredients Section 3 of the SDS

Ingredient	CAS Number	Proportion
Acrylic emulsion	various	< 80
Water	7732-18-5	< 30
Rheology modifiers	various	< 5

For further ingredients information, please refer to the full MSDS

### GHS Pictograms Section 2 of the SDS

Not hazardous: intentionally left blank

#### DEFINITIONS

Dangerous Goods	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

## 1. IDENTIFICATION

**Product Name:** VersEseal NON Porous Substrate Primer  
**Other Names:** Non Penetrating Primer  
**Chemical Family:** Waterbased sealer  
**Molecular Formula:** Not available  
**Recommended Use:** Industrial Protective Coating  
**Supplier:** LRM Products Pty Ltd  
**ABN:** 98 158 623 753  
**Address:** 4/2 Link Drive, Yatala, QLD 4207  
**Telephone:** +61 7 3807 2545  
**Emergency Phone:** +61 7 3807 2545  
**All other inquiries:** [lrmproducts.com.au](http://lrmproducts.com.au)

## 2. HAZARDS IDENTIFICATION

### Hazard Nature

This product is classified as not hazardous under the GHS criteria.

### GHS Classification

No GHS Hazard Classification applies

### GHS Pictograms

Not hazardous: intentionally left blank

### Hazard Statement

Not hazardous: intentionally left blank

### Hazard Statements

Not hazardous: intentionally left blank

### Precautionary Statements

Not hazardous: intentionally left blank

### Dangerous Goods Classification NR

### Poisons Schedule 5

### Signal Word Warning

## 3. COMPOSITION: Information on Ingredients

	CAS Number	Proportion (% v/v)
Acrylic emulsion	various	< 80
Water	7732-18-5	< 30
Rheology modifiers	various	< 5
Coalescents	various	< 5
Biocides	includes: 26530-20-1 ; 2682-20-4; 2634-33-5 ; 330-54-1 ; 13463-41-7 ; 1314-13-2	< 0.7

## 4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.

### Ingestion

If swallowed, DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.

### **Eye Contact**

Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

### **Skin Contact**

Flush area with large amounts of water and wash area with soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.

### **Inhalation**

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.

### **First Aid Facilities**

Provide eye baths and safety showers.

### **Medical Attention**

Treat according to symptoms. This product will not induce narcotic effects.

## **5. FIRE FIGHTING MEASURES**

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

### **Suitable Extinguishing Media**

Water spray, fine mist, dry chemical or foam. Do not use water jets.

### **Hazards from combustion products**

This product will not burn, however toxic gases may be released with excessive heating

### **Precautions for fire fighters and special protective equipment**

Full protective clothing and self-contained breathing apparatus

### **Hazchem Code**

NR

## **6. ACCIDENTAL RELEASE MEASURES**

### **Emergency Procedures**

Prevent product from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours or dusts from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

### **Methods and materials for containment**

#### ***Major Land Spill***

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures" and "Stability and Reactivity"

#### ***Major Water Spill***

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.

- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

This product contains combustible components, but will not burn. It will dehydrate in the presence of a fire in progress, risking the combustion of those components. Keep container closed, and protect from piercing or damage. Check for leaks.

### Conditions for Safe Storage

Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in banded areas and ensure exit drains are closed.

### Incompatible Materials

None known

## 8. EXPOSURE CONTROLS: PERSONAL PROTECTION

### National Exposure Standards

The time weighted average concentration (TWA) for this product is: None specified; consider 5 g/m<sup>3</sup>, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified; consider 5 g/m<sup>3</sup>, which is the maximum allowable exposure concentration at any time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where none applies in this case.

### Biological Limit Values (BLV)

None specified

### Engineering Controls: Ventilation

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 equipment.

### Personal Protective Equipment

**Respiratory Protection:** Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type ‘A’ filter material is considered suitable for this product.

**Eye Protection:** Always use safety glasses or a face shield when handling this product.

**Skin/Body Protection:** Always wear long sleeves, long trousers, or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical Value
Appearance	None	Coloured, mobile liquid
Boiling Point/Range	°C	> 135
Flash Point	°C	> 95

Property	Unit of measurement	Typical Value
SG/Density (@ 15°C)	g/ml; kgm <sup>-3</sup>	1.0
Vapour Pressure @ 20°C	kPa	Not determined
Vapour Density @ 20°C	g/ml; kgm <sup>-3</sup>	Not determined
Autoignition Temperature	°C	Not determined
Explosive Limits in Air	% vol/vol	Not determined
Viscosity @ 20°C	cPs, mPas	200
Percent volatiles	% vol/vol	Not determined
Acidity/alkalinity as pH	None	8 Alkaline
Solubility in Water	g/l	Miscible
Other solvents	-	Alcohols

The values listed are indicative of this product's physical and chemical properties. For a full product specification, please consult the Technical Data Sheet.

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable at room temperature and pressure

### Conditions to avoid

Strong oxidising agents, excessive heat

### Hazardous decomposition products

Carbon dioxide, carbon monoxide on decomposition or incomplete oxidation

### Hazardous reactions

Excessive heat

### Hazardous polymerisation

Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects

#### **Ingestion**

This product is likely to cause discomfort on swallowing and may result in gastric disturbance and soft tissue irritation.

#### **Eye Contact**

Eye contact with this product may cause redness, irritation and blurred vision. These temporary effects can be eased with First Aid.

#### **Skin Contact**

Contact with this product can result in mild irritations with symptoms such as itching and redness. These temporary effects can be eased with First Aid.

#### **Inhalation**

Vapours at elevated temperatures will cause dizziness and drowsiness. Vapours at room temperature should be controlled through adequate or mechanical ventilation.

### Chronic Effects

Repeated or prolonged contact with this product may result in irritant contact dermatitis if PPE precautions are not observed.

**Other Health Effects Information**

Persons with pre-existing skin conditions may be sensitive to this product.

**Toxicological Information**

Oral LD<sub>50</sub>: No data; consider > 5 g/kg

Dermal LD<sub>50</sub>: No data; consider > 5 g/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Aquatic Toxicity:**

- Fish Toxicity LC<sub>50</sub>: Components of this product are harmful to aquatic life, but are not present in sufficient concentration to result in damage.
- Daphnia Magna EC<sub>50</sub>: Components of this product are harmful to aquatic life, but are not present in sufficient concentration to result in damage.
- Blue-green algae: Components of this product are harmful to aquatic life, but are not present in sufficient concentration to result in damage.
- Green algae: Components of this product are harmful to aquatic life, but are not present in sufficient concentration to result in damage.

**Persistence/Biodegradability:** The active ingredient in this product will biodegrade in time, and there is no likelihood of bioaccumulation.

**Mobility:** This product is likely to be mobile on release to the environment.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods**

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain product residue that may be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

**Special Precautions**

This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

## 14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	NR	UN No.	NR	UN No.	NR
Proper Shipping Name	NR	Proper Shipping Name	NR	Proper Shipping Name	NR
DG Class	NR	DG Class	NR	DG Class	NR
Sub. Risk	None	Sub. Risk	None	Sub. Risk	None
Packing Group	NR	Packing Group	NR	Packing Group	NR
Hazchem	NR	Hazchem	NR	Hazchem	NR

**Dangerous Goods Segregation**

This product is not regulated for Transport via Road and Rail.

## 15. REGULATORY INFORMATION

**Country/Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** 5

## **16. OTHER INFORMATION**

**Reasons for Issue:** New product; amalgamated supplier and regulatory updates in all sections

**Abbreviations:**

AICS: Australian Inventory of Chemical Substances

CAS Number: Chemical Abstracts Number

GHS: Global Harmonised System

IARC: International Agency for Research on Cancer

PPE: Personal Protective Equipment

N/R: Non-regulated

N/A: Not applicable

UN: United Nations

**References:**

- Supplier Safety Data Sheets
- <http://hsis.safework.gov.au/SearchHS.aspx> (April 24)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (April 24)
- Ecotoxicology data: <https://cfpub.epa.gov/ecotox>

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The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact LRM Products Pty Ltd.

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