

# SAFETY DATA SHEETS (SDS)

## Enviro 900 Part A



Version: 5  
Issued by: Enviro systems  
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Hazard Identifiers

### SECTION 1 – IDENTIFICATION OF MATERIAL & SUPPLIER

- 1.1 Product Name:** Enviro 900 Part A  
**Manufacturer's Product Code:** N/A
- 1.2 Recommended Use:** Part A of a two component trafficable coating
- 1.3 Company:** Enviro systems  
**Address:** 295 Princes Highway St Peters, NSW 2044.  
**Website:** www.envirosystems.com.au  
**Telephone:** +61 2 85958699 (business hours)  
**Fax:** +61 2 85958660
- 1.4 Emergency Telephone:** Poisons Centre – 131126
- Other Information:** All information in this SDS is to the best of our knowledge at time of publication. Users of this product should fully review this SDS prior to use to ensure best safety practices. Further information and or clarification can be obtained by contacting our technical department on the above telephone number.

### SECTION 2 – HAZARDS IDENTIFICATION

- 2.1 Hazard Classification:** Classified as **Non-Hazardous** according to WHS Regulations, Australian GHS criteria and a **Non-Dangerous Goods** according to the Australian Dangerous Goods Code..
- 2.2 Label Elements** **None**  
**Signal word** **None**

H-code	Hazard Statements
	Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)
P-Code	Precautionary Statement - Prevention
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P-Code	Precautionary Statement - Response
P312	Call a POISON CENTER or doctor/ physician if you feel unwell.

- 2.3 Other Hazards** None known

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances** See section below for Mixtures  
**3.2 Mixtures** Not a dangerous mixture according to the Globally Harmonised System (GHS)

## SECTION 4 – FIRST AID MEASURES

- 4.1 Description of first aid measures**
- Ingestion:**  
Clean mouth with water and drink afterwards plenty of water. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Do NOT induce vomiting.
- Inhalation:**  
Remove to fresh air. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Eye Contact:**  
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If easy to do, remove contact lenses.
- Skin Contact:**  
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- 4.2 Most important symptoms and effects, both acute and delayed** No information available.
- 4.3 Advice for doctor** Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

- 5.1 Extinguishing media**
- Suitable extinguishing media:  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media that may not be used for safety reasons:  
High volume water jet
- 5.2 Special hazards arising from the substance or mixture** Oxides of carbon and possibly toxic fumes from fire. Fire in vicinity poses risk of pressure build-up and rupture. Containers at risk from fire should be cooled with water and, if possible, removed from the danger area.
- 5.3 Advice for firefighters** Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Combustible. Slight fire hazard when exposed to heat or flame. Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit toxic fumes.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Secure the area. Ensure adequate ventilation, especially in confined areas. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.
- 6.2 Environmental precautions** Collect spillage.
- 6.3 Methods and material for** Remove mechanically; cover the remainder with wet, absorbent material (e.g.

**containment and cleaning up** sawdust, chemical binder based on calcium silicate hydrate, sand). After approx. one hour transfer to waste container and do not seal (evolution of CO<sub>2</sub>!). Keep damp in a safe ventilated area for several days.

**6.4 Reference to other sections** Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

## SECTION 7 – HANDLING & STORAGE

**7.1 Precautions for safe handling** Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice.

The personal protective measures described in section 8 must be observed. The precautions required in the handling of isocyanates must be taken. Avoid contact with skin and eyes and the inhalation of vapor.

**7.2 Conditions for safe storage**

**Storage Requirements:**  
Keep container tightly closed, store in a cool, dry area

**Storage Incompatibility:**  
Not known

**Suitable containers:**  
Original packing as recommended by manufacturer.

**Temperature Conditions:**  
5° to 35° C

**Protection from weather:**  
Store undercover and away from frost and moisture

**7.3 Specific end use(s)** Once mixed with part B and applied, produces a hard wearing, durable surface suitable for commercial and industrial applications.

**7.4 Regulations and standards (Australia):** N/A

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established. **Please Read Part B SDS as well**

**8.2 Exposure controls**

**General protection and hygiene measures:**  
Ensure adequate ventilation, especially in confined areas.

**Personal protection equipment:**

*Respiratory protection:*  
Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

*Eye protection:*  
Tight sealing safety goggles.

*Hand protection:*  
Gloves, contaminated gloves should be disposed of.

*Skin protection*  
Overalls clothing

*Other Information*  
Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work.

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Observe the usual precautions when handling chemicals.

- 8.3 Further information for system design and engineering measures** Ventilation is recommended under normal use conditions. State regulations on speed and direction of airflow away from operators must be observed. Keep containers closed when not in use.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

- 9.1**
- |                                   |                             |
|-----------------------------------|-----------------------------|
| <b>Odour:</b>                     | Oudourless                  |
| <b>Colour:</b>                    | Grey                        |
| <b>Physical State:</b>            | Viscous Liquid              |
| <b>Flash Point:</b>               | 127°C                       |
| <b>Boiling Point:</b>             | >300 °C                     |
| <b>Melting Point:</b>             | Not Available               |
| <b>Specific Gravity:</b>          | 1.0 – 1.1 g/cm <sup>3</sup> |
| <b>pH:</b>                        | Not Available               |
| <b>Solubility in Water (g/L):</b> | Insoluble                   |
| <b>Flammability:</b>              | N/A                         |
| <b>Lower Limit:</b>               | N/A                         |
| <b>Higher Limit:</b>              | N/A                         |
| <b>Vapour Pressure:</b>           | Not Available               |
| <b>Vapour Density (Air = 1)</b>   | Not Available               |
- 9.2 Other information** Non available

## SECTION 10 – STABILITY AND REACTIVITY

- 10.1 Reactivity; Chemical stability; -3 Possibility of hazardous reactions** If stored and handled in accordance with standard industrial practices not hazardous reactions are known.
- 10.4 Conditions to avoid** This information is not available.
- 10.5 Incompatible materials** This information is not available.
- 10.6 Hazardous decomposition products** No hazardous decomposition products when stored and handled correctly. But Oxides of carbon and other possibly toxic fumes from fire.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Acute Toxicity/Effects

Acute toxicity  
Not Classified - Based on available data and/or professional judgment, the classification criteria are not met  
oral rat Acute LD50 > 2000 mg/kg  
dermal rabbit Acute LD50 > 2000 mg/kg  
inhalation rat Acute LC50 4 hr > 20 mg/l (Vapors)

Skin corrosion/irritation  
Not Classified - Based on available data and/or professional judgment, the classification criteria are not met  
Acute Irritation dermal rabbit Not irritating

Serious eye damage/eye irritation  
Not Classified - Based on available data and/or professional judgment, the classification criteria are not met  
Acute Irritation eye rabbit Not irritating

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### Sensitisation

Not Classified - Based on available data and/or professional judgment, the classification criteria are not met  
Local Lymph Node Assay dermal mouse Not sensitizing

### Chronic Toxicity/Effects

#### *Genetic toxicity*

Not Classified - Based on available data and/or professional judgment, the classification criteria are not met  
Bacterial Reverse Mutation +/-S9  
Salmonella Typhimurium Not mutagenic, (tested)

#### *Carcinogenicity*

Not Classified - Based on available data and/or professional judgment, the classification criteria are not met

#### *Reproductive toxicity*

Not Classified - Based on available data and/or professional judgment, the classification criteria are not met

#### *STOT - single exposure*

Not Classified - Based on available data and/or professional judgment, the classification criteria are not met

#### *STOT - repeated exposure*

Not Classified - Based on available data and/or professional judgment, the classification criteria are not met

#### *Aspiration toxicity:*

Not Classified - Based on available data and/or professional judgment, the classification criteria are not met

### Additional:

No information available.

## SECTION 12 – ECOLOGICAL INFORMATION

### Toxicity

#### Ecotoxicity

Not Classified - Based on available data and/or professional judgment, the classification criteria are not met

### Microorganisms/Effect on sludge

Test: Respiration Inhibition (OECD 209) Species: Activated Sludge - Bacterial >1000 mg/L

### Persistence and degradability

#### Biodegradability:

This material is not readily biodegradable.

#### Stability in water:

No information available..

#### Photodegradation:

No information available.

### Bioaccumulative potential

No information available.

### Mobility in soil

No information available.

### Additional Information

No information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Material Recommendation:**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Since empty containers retain product residue, follow label warnings even after container is emptied.

**Uncleaned packaging Recommendation:**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Observe all label precautions until container is cleaned, reconditioned or destroyed. Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal.

## SECTION 14 – TRANSPORT INFORMATION

**Transport Information**

Classified as a **Non-Dangerous** Good according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail.

**U.N. Number:**

Not applicable

**DG Class:**

Non-Dangerous

**EPG card:**

Not applicable

**Hazchem Code:**

Not applicable

**Proper Shipping Name:**

Not applicable

**Packing Group:**

Not applicable

**Poison Schedule**

Not scheduled

Not applicable

**Label**

## SECTION 15 – REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed. For information on labeling please refer to section 2 of this document.

**Australian Inventory:**

Listed

**Controlled Schedule**

No listed substances

**Carcinogenic Substances:**

## SECTION 16 – OTHER INFORMATION

Safety Data Sheets are updated regularly. Please ensure you have a current copy. SDS can be obtained from our website: [www.envirosystems.com.au](http://www.envirosystems.com.au)

The SDS should be used to assist in the Risk Management. Many other factors determine whether the reported Hazards are risks in any given workplace.

Specific Risks may be determined by reference to various Exposure Scenarios, Scale of use, Frequency of use and current or available engineering controls must be considered.

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Emergency Telephone: Poisons Centre – 13112