

# SAFETY DATA SHEETS (SDS)

## Enviro Flex Part A



Hazard Identifiers

Version:1

Issued by: Envirosystems Technologies

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### SECTION 1 – IDENTIFICATION OF MATERIAL & SUPPLIER

- 1.1 Product Name:** Enviro Flex Part A  
**Manufacturer's Product Code:** N/A
- 1.2 Recommended Use:** Two component polymer modified waterproofing cementitious coating.
- 1.3 Company:** Envirosystems Technologies Pty Ltd  
**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:** Info Safe – 1800 638 556, 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.

Class	Category
None	

- 2.2 Label Elements** None

**Signal word** None

H-code	Hazard Statements
	None
P-Code	Precautionary Statement - Prevention
	None
P-Code	Precautionary Statement - Response
P333, P313	If skin irritation or rash occurs: Get medical advice / attention.
P-Code	Precautionary Statement - Storage
	None
P-Code	Precautionary Statement - Disposal
	None

- 2.3 Other Hazards** None known

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

See section below for Mixtures

3.2 Mixtures

CAS No.	Material	Content %
	residual acrylic monomer	<1%
	biocide	<1%
	Components that do not meet GHS disclosure requirements (deemed non-hazardous)	Balance

## SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

**General Advice:**

Remove contaminated clothing. If in danger of loss of consciousness, place patient in recovery position and transport accordingly. Apply artificial respiration if necessary. First aid personal should pay attention to the own safety.

**Ingestion:**

If swallowed, do not induce vomiting. Rinse mouth with water and give water to drink as much as comfortable able too. Seek medical advice.

**Inhalation:**

If fumes, aerosols or combustion products are inhaled remove from contaminated area. Immediate medical attention required.

**Eye Contact:**

While holding eyes open, gently flood with plenty of fresh water for 15 minutes. Washing within one minute is essential to achieve maximum effectiveness. If pain persists or recurs also seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

**Skin Contact:**

Flush contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation. Remove contaminated clothing including footwear. Be careful about thermal burns, cool the burn by immerse in cold running water for 10-15 minutes and then seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section and in sections 2 and 11.

4.3 Advice for doctor

Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Use media suitable to surrounding source of fire.

Unsuitable extinguishing media that may not be used for safety reasons:

None.

5.2 Special hazards arising from the substance or mixture

No flammable but after water has evaporated, Oxides of carbon and other possibly toxic fumes from fire.

5.3 Advice for firefighters

Wear full body protective clothing with breathing apparatus. Reduce spillage from entering drains or water course. Combustion products include: carbon dioxide (CO<sub>2</sub>), phenolics products typical of burning organic material. Closed containers

may rupture due to pressure buildup under fire conditions.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

- 6.1 **Personal precautions, protective equipment and emergency procedures**      Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. If material is released indicate risk of slipping. Do not walk through spilled material.
- 6.2 **Environmental precautions**      Do not discharge into sewers or waterways and soil.
- 6.3 **Methods and material for containment and cleaning up**      Small or major spills should be absorbed with dry, inert filler (soil or sand) which then can be shoveled into appropriately labeled drums for disposal. Disposal of this material should be undertaken by a registered chemical disposal company. Wash area with excess water.
- 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. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.
- 7.2 **Conditions for safe storage**      **Storage Requirements:**  
Store in a cool, dry and well-ventilated place.  
**Temperature Conditions:**  
Up to 40° C and out of direct sunlight.  
**Protection from weather:**  
Store undercover and away from frost and moisture
- 7.3 **Specific end use(s)**      Two component polymer modified waterproofing cementitious coating.
- 7.4 **Regulations and standards (Australia):**      Classified as Non-Hazardous Liquid which should be stored and handled in accordance with regulations

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1 **Control parameters**      Exposure limits safe work Australia
 

Ingredient	STEL	TWA
None known		

  
 Emergency Limits:
 

Ingredient	TEEL-1	TEEL-2	TEEL-3
None Known			
- 8.2 **Exposure controls**      **General protection and hygiene measures:**  
**Please READ PART B SDS as well.**  
General ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations. Do not eat, drink or smoke when handling. Wash hands at the end of work and before eating. Keep working clothes

separately. Remove contaminated, soaked clothing immediately. Clean work areas regularly.

**Personal protection equipment:**

*Respiratory protection*

No generally required. Type A-P respiratory may be required if exposure causes discomfort or near exposure limits.

*Eye protection*

Chemical goggles. Full face respiratory may be required if exposure causes discomfort.

*Hand protection*

When handling wear chemical resistant gloves. PVC, neoprene or nitrile glove.

*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. 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**

<b>9.1</b>	<b>Odour:</b>	Slight
	<b>Odour Threshold</b>	Not determined
	<b>Colour:</b>	Milky
	<b>Physical State:</b>	Liquid
	<b>Flash Point:</b>	Not determined
	<b>Autoignition Temperature:</b>	Not determined
	<b>Boiling Point:</b>	≈100°C
	<b>Melting Point:</b>	0°C
	<b>Specific Gravity:</b>	1.04
	<b>pH:</b>	8.5-9.5
	<b>Solubility in Water (g/L):</b>	miscible
	<b>Flammability:</b>	Not flammable
	<b>Lower Limit:</b>	Not determined
	<b>Higher Limit:</b>	Not determined
	<b>Vapour Pressure:</b>	Not determined
	<b>Vapour Density (Air = 1)</b>	Not determined
	<b>Volatile Component (%vol)</b>	45-47
	<b>VOC g/L</b>	Not determined
<b>9.2</b>	<b>Other information</b>	None available

**SECTION 10 – STABILITY AND REACTIVITY**

<b>10.1</b>	<b>Reactivity; Chemical stability;</b>	Stable
<b>-3</b>	<b>Possibility of hazardous reactions</b>	
<b>10.4</b>	<b>Conditions to avoid</b>	Avoid extreme heat.
<b>10.5</b>	<b>Incompatible materials</b>	metal salts

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### 10.6 Hazardous decomposition products

Oxides of carbon and other possibly toxic fumes from fire once water has evaporated

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Acute Toxicity/Effects

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. The product has not been tested. The statements have been derived from substances/products of a similar structure or composition.

#### *Acute oral toxicity*

The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.

#### *Skin corrosion/irritation*

The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.

#### *Serious eye damage/eye irritation*

The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

#### *Sensitization*

Skin sensitizing effects were not observed in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### *Aspiration hazard*

Not applicable

### Chronic Toxicity/Effects

The product has not been tested. The statements have been derived from substances/products of a similar structure or composition.

#### *Specific target organ systematic toxicity (single exposure)*

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

#### *Specific target organ systematic toxicity (repeated exposure)*

No Data Available

#### *Genetic toxicity*

No Data Available

#### *Carcinogenicity*

The whole of the information assessable provides no indication of a carcinogenic effect.

#### *Reproductive toxicity*

Not expected to cause reproductive toxicity (based on composition).

#### *Teratogenicity*

The data available for an assessment of the effect of the substance on developmental toxicity are not sufficient for a proper evaluation.

**Long Term Effects:** Possible irritation from the biocide.

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Toxicity</b>	Based on main ingredients. <i>Toxicity to fish</i> No Data Available  <i>Aquatic invertebrates</i> No Data Available.  <i>Aquatic plants</i> No Data Available.  <i>Toxicity to microorganisms</i> The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
<b>Persistence and degradability</b>	Persistence: Water/Soil LOW  Persistence: Air LOW
<b>Bioaccumulative potential</b>	Water LOW (LogKOW = -1.38)
<b>Mobility in soil</b>	Water LOW (KOC = 14.3)
<b>Additional Information</b>	Do NOT discharge into sewer or waterways.

## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	<b>Material Recommendation:</b> Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.  <b>Uncleaned packaging Recommendation:</b> Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.
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## SECTION 14 – TRANSPORT INFORMATION

<b>Transport Information</b>	Not classified as a <b>Non-Dangerous Good</b> according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail. U.N. Number: N/A DG Class: N/A EPG card: N/A
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## Enviro Flex Part A



Hazchem Code: N/A  
Proper Shipping Name: N/A.  
Packing Group: N/A

### Classification for SEA transport (IMO-IMDG)

U.N. Number: N/A  
DG Class: N/A  
Proper Shipping Name: N/A.  
Packing Group: N/A  
Marine Pollutant: No

### Classification for AIR transport (IATA/ICAO)

U.N. Number: N/A  
DG Class: N/A  
Proper Shipping Name: N/A  
Packing Group: N/A

Label None

## 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.

**Poisons Schedule Number: N/A**

**Australian Inventory:**

Listed

**Controlled Schedule**

Not 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: Info Safe – 1800 638 556, Poisons Centre – 13112