

# SAFETY DATA SHEETS (SDS)

## Enviro Hydro Stop R



Hazard Identifiers

Version 1

Issued by: Envirosystems Technologies

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### SECTION 1 – IDENTIFICATION OF MATERIAL & SUPPLIER

- 1.1 **Product Name:** Enviro Hydro Stop R
  - 1.1 **Manufacturer's Product Code:** N/A
  - 1.2 **Recommended Use:** Hydrophilic Butyl Rubber Water-stop
  - 1.3 **Company:** Envirosystems Technologies Pty Ltd
  - 1.3 **Address:** 295 Princes Highway St Peters, NSW 2044.
  - 1.3 **Website:** www.envirosystems.com.au
  - 1.3 **Telephone:** +61 2 85958699 (business hours)
  - 1.3 **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 %
9010-85-9	Isobutylene Isoprene	<80%
9000-28-5	Polybutylene	10-20%

## SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

**General Advice:**

Immediately 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 personnel 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 to. Seek medical advice. Do not induce vomiting.

**Inhalation:**

Not usually a risk. Seek medical advice if irritation occurs.

**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.

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

Burning may produce intense irritating smoke. 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

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- 6.1 **Personal precautions, protective equipment and emergency procedures** N/A, no precaution required.
- 6.2 **Environmental precautions** Do not discharge / dump into sewers or waterways and soil.
- 6.3 **Methods and material for containment and cleaning up** Pick up and place into suitable waste disposal container.
- 6.4 **Reference to other sections** Relevant information in other sections must be considered. This applies, in particular to 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 45° C and out of direct sunlight.  
**Protection from weather:**  
Store undercover and away from frost and moisture
- 7.3 **Specific end use(s)** Water-stop
- 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:**

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*

Not generally required

*Eye protection*

Safety glasses with side shields or chemical goggles.

*Hand protection*

When handling wear gloves.

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### *Skin protection*

Long sleeve shirt and long pants or overalls clothing.

### *Other Information*

Barrier creams can be used 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

Keep containers closed when not in use.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

9.1	<b>Odour:</b>	N/A
	<b>Odour Threshold</b>	Not determined
	<b>Colour:</b>	Grey
	<b>Physical State:</b>	Solid Strip
	<b>Flash Point:</b>	Not determined
	<b>Autoignition Temperature:</b>	Not determined
	<b>Boiling Point:</b>	N/A
	<b>Melting Point:</b>	N/A
	<b>Specific Gravity:</b>	1.36
	<b>pH:</b>	Not determined
	<b>Solubility in Water (g/L):</b>	N/A
	<b>Solubility in Solvent (g/L):</b>	Insoluble
	<b>Flammability:</b>	>250°C
	<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
9.2	<b>Other information</b>	None available

## SECTION 10 – STABILITY AND REACTIVITY

10.1	<b>Reactivity; Chemical stability;</b>	Stable when stored and used as directed. Protect from frost.
-3	<b>Possibility of hazardous reactions</b>	
10.4	<b>Conditions to avoid</b>	None known
10.5	<b>Incompatible materials</b>	None known
10.6	<b>Hazardous decomposition products</b>	Oxides of carbon and other possibly toxic fumes from fire once water has evaporated

## SECTION 11 – TOXICOLOGICAL INFORMATION

### **Acute Toxicity/Effects**

### **Enviro Hydro Stop R: estimate based on ingredients**

#### *Acute oral toxicity*

Non toxic. Based on component values LD 50> 200,000 mg/Kg is presumed.

#### *Acute dermal toxicity*

Non toxic

#### *Acute inhalation toxicity*

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Non toxic

*Skin corrosion/irritation*

Repeated of prolonged exposure may lead to irritating of skin.

*Serious eye damage/eye irritation*

May cause mild irritating to eyes.

*Sensitization*

Not a skin sensitizer

*Aspiration hazard*

This material has been classified as non-hazardous.

### Chronic Toxicity/Effects

**Enviro Hydro Stop R: estimate based on ingredients**

*Specific target organ systematic toxicity (single exposure)*

No data available.

*Specific target organ systematic toxicity (repeated exposure)*

No data available.

*Genetic toxicity*

This material has been classified as non-hazardous.

*Carcinogenicity*

No data available.

*Reproductive toxicity*

No data available.

*Teratogenicity*

No data available.

### Long Term Effects:

There have been no reports in the literature of health effects in workers arising from long-term exposure to this material and no comprehensive human studies have been conducted.

## SECTION 12 – ECOLOGICAL INFORMATION

**Toxicity**

**Enviro Hydro Stop R: estimate based on ingredients**

No Data Available

**Persistence and degradability**

The product does not biodegrade easily.

**Bioaccumulative potential**

Significant accumulation in organisms is not expected. Not Tested.

**Mobility in soil**

Not tested.

**Additional Information**

Do NOT discharge into sewer or waterways.

## SECTION 13 – DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Material Recommendation:**

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.

**Uncleaned packaging Recommendation:**

Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

## 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: N/A

DG Class: N/A

EPG card: N/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