



Material SAFETY DATA SHEET

Cempatch SBR100

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Cempatch SBR100**

Description: Liquid polymer bonding agent for cement containing mixes

Manufacturer: **Ayla Construction Chemicals**
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2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Styrene butadiene polymer, water.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Water	-	-	7732-18-5	50 - 80
Styrene butadiene polymer	-	-	68412-54-4	15 - 35

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

No significant hazard.

4: FIRST AID MEASURES

Eyes: Irrigate with copious quantities of water for 5 minutes.

Skin: Wash thoroughly with water.

Inhalation: Remove from exposure – unlikely to occur.

Ingestion: No adverse affect anticipated by this rout of exposure.



5: FIRE FIGHTING MEASURES

Flash Point:	None.
Special Exposure Hazards:	Material can splatter above 100°C. Polymer film can burn.
Extinguishing Media:	Carbon dioxide, powder, foam.
Personal Protective Equipment:	Self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Contain with dike, recover if possible or divert to pond and allow to dry.

7: HANDLING AND STORAGE

Handling:	Good general ventilation should be sufficient for most conditions.
Storage:	Store in cool and dry area in temperature below 40°C. Protect from frost.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye Contact:	Safety glasses/goggles.
Skin Contact:	Impervious gloves (e.g. PVC).
Respiratory Protection:	In case of insufficient ventilation wear suitable equipment.
Engineering Controls:	Good general ventilation should be sufficient for most conditions.
Exposure Guidelines:	None assigned.



9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	White
Odour:	Slight/faint
pH (concentrate):	Not applicable
Boiling Point (°C):	100
Flash Point (closed cup) (°C):	None
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not known
Vapour Pressure (KPa @20°C):	Not applicable
Relative Density (@25°C):	Around 1.0
Water Solubility:	Miscible

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperature below 2°C.
Chemical Incompatibility:	None known.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Expected oral LD50, rat > 2000 mg/kg.

Health Effects

On Eyes:	May cause transient irritation.
On Skin:	Unlikely to irritate on brief occasional exposure.
By Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion:	Low order of acute toxicity.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid. Miscible in water.
Degradability:	Inherently biodegradable.
Bioaccumulation:	Not expected to be bioaccumulative.
Acute Fish Toxicity:	Not expected to be ecotoxic to fish/daphnia/algae.



13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off in an approved manner. Do not empty into drains, sewers or water courses.

Used/ Contaminated Product: As for unused product.

Packaging: May be steam cleaned and recycled.

14 TRANSPORT INFORMATION

This product is **not** classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:

This product is **not** classified as dangerous for supply.

16: OTHER INFORMATION

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Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.