



Material SAFETY DATA SHEET

Aquathane PE450

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Aquathane PE450**

Description: Single component, water based polyester waterproofing and protective coating

Manufacturer: **Ayla for Building Materials Industry & Trade**

Al-Karadeh, Arsat Al-Hindia, Baghdad

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www.dcp-int.com

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MSDS Number: DCP/08/05/126

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Water, styrene acrylic copolymer and calcium carbonate.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Water	-	-	7732-18-5	20 – 40
Styrene acrylic copolymer	-	-	25586-20-3	20 – 30
Calcium carbonate	-	-	471-34-1	20 - 30

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

No significant hazard.

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention if irritation persists.

Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.

Inhalation: Remove from exposure – unlikely to occur.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain medical attention.



5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	Not applicable.
Extinguishing Media:	Carbon dioxide, powder, foam or water fog – Do not use water jets.
Personal Protective Equipment:	Self-contained breathing apparatus.
Special Exposure Hazards:	Irritant fumes.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection. Mixed with component A, the mixture can be irritating to the eyes and skin.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent or container and remove by best available means. Gather into containers.

7: HANDLING AND STORAGE

Handling:	Avoid skin and eye contact.
Storage:	Store in cool and dry area. Protect from frost.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Safety glasses/goggles.
Skin Protection:	Impervious gloves (e.g. PVC).
Respiratory Protection:	In case of insufficient ventilation wear suitable equipment. Change contaminated clothing and clean before re-use.
Engineering Controls:	No specific ventilation requirement noted.
Exposure Guidelines:	None assigned.
Ingestion:	Prevent eating, drinking or smoking in the area of product use.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Grey, white, black
pH (concentrate):	Not applicable
Boiling Point (°C):	100°C
Flash Point (closed cup) (°C):	Not applicable
Autoflammability (°C):	Not applicable
Explosive Properties (%):	Not applicable
Relative Density (@20°C):	1.30 - 1.50
Water Solubility:	Emulsifiable

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperatures below 2°C and above 50°C.
Chemical Incompatibility:	None known.
Hazardous Decomposition Products:	None known.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Acute Oral effect LD50 > 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. May cause irritation of mouth, throat and digestive tract.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid. Emulsifiable in water.
Degradability:	Inherently biodegradable.
Bioaccumulation:	Not expected to be bioaccumulate.
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.

HS Code: 3909.5000

15: REGULATORY INFORMATION

Hazard Label Data:

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

Safety Phrases:

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16: OTHER INFORMATION

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.