



# شركة أبولو لكيمائيات الأبنية

## Apollo For Construction Chemicals

### MATREIAL SAFETY DATA SHEET (Apollo Bituproof B510)

#### 01-PROUDUCT AND COMPANY IDENTIFICATION

**Product Name:** Apollo Bituproof B510  
**Chemical Family:** Water based elastomeric rubberized bitumen waterproof coating.  
**Manufacturer:** **Apollo For Construction Chemicals**  
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**Date Prepared:** 01.07.2023  
**MSDS Number:** Nasa/07/55/102

#### 2- COMPOSITION /INFORMATION ON INGREDIENTS

**Composition :** rubberized bitumen emulsion.

Hazardous Ingredient(s):	Symbol	Risk Phrases	CAS No.	%
bitumen			64742-93-4	60

Refer to Section 8 for Occupational Exposure Limits.

#### 3-HAZARD INFORMATION

Long term skin contact may cause health problems.

#### 4-FIRST AID MEASURES

**Eyes:** Irrigate immediately with copious quantities of water for several minutes.  
Obtain medical attention if necessary.

**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. Obtain medical attention. Do not induce vomiting.



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### 5-FIRE FIGHTING MEASURES

Flash point:	None.
Lower explosive limit:	None.
Extinguishing media:	Same as surrounding fire.
Personal protective equipment:	None.

### 6- ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear rubber boots in addition to the recommended protective clothing.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent like sand and remove by best available means. Gather into containers. Dispose off as waste.

### 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

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye contact:	Safety glasses/goggles.
Skin contact:	Impervious gloves (e.g. PVC).
Engineering controls:	No specific ventilation requirement noted.
Exposure Guidelines:	None assigned.



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### 9-PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid.
Color:	Black.
Odor:	Typical .
PH (concentrate):	9-10
Boiling Point (°C):	100 °C
Flash Point (closed cup) (°C):	None.
Autoflammability (°C):	Not determined.
Water Solubility:	Emulsifiable.
Explosive Properties (%):	Not known
Vapor Pressure (KPa @20°C):	2.3 (water)
Relative Density (@25°C):	1.06 – 1.10

### 10- STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperature below 2°C and above 80°C.
Chemical incompatibility:	Strong acids.
Hazardous Decomposition Products:	Thermal decomposition may yield Sulfur compounds including hydrogen sulfide.



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#### 11-TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Expected oral LD50, rat > 2 mg/kg.

##### Health Effects

<b>On Eyes:</b>	Irritation.
<b>On Skin:</b>	Unlikely to irritate on brief occasional exposure.
<b>By Inhalation:</b>	Low volatility makes inhalation unlikely at ambient temperatures.
<b>By Ingestion:</b>	Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.
<b>Chronic:</b>	Repeated and prolonged contact, allied to poor personal hygiene practices may result in skin cancer.

#### 12- ECOLOGICAL INFORMATION

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

#### 13- DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

<b>Unused Product:</b>	Dispose off through an authorized waste contractor to a licensed site. Do not empty into drains, sewers or water courses.
<b>Used/ Contaminated Product:</b>	As for unused product.
<b>Packaging:</b>	May be steam cleaned and recycled.



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### 14- TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

### 15- REGULATORY INFORMATION

This product is NOT classified as dangerous for transport.

**Safety Phrases:**

S24/25  
S26

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

### 16- OTHER INFORMATION

**Issue Date:** 20/07/2023

**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.