



# ALCOLIN BITUMEN PRIMER

## SAFETY DATA SHEET

### 1. IDENTIFICATION

#### 1.1. Product identifier

Product name Alcolin Bitumen Primer  
Chemically family Bitumen keying agent (Solvent-Bitumen blend)

#### 1.2. Intended use of the product

Primer before application of Torch On Bitumen product

#### 1.3. Name, address, and telephone of the responsible party

Company: Permoséal (PTY) Ltd  
Address: 1 Beverley Close, Montague Gardens, 7441, Cape Town, South Africa  
Phone: +27-21-555-7400  
Toll-free No. 0800-222-400  
Website: [www.alcolin.com](http://www.alcolin.com)

#### 1.4. Emergency phone number

+27-21-555-7400

### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

GHS Classification Hazardous mixture

#### 2.2. Label elements

GHS Labelling



GHS02

GHS07

GHS09

#### 2.3. Signal word: Warning

#### 2.4. Hazard determining components of labelling:

Aromatic solvents

#### • Hazard statements

H226 Flammable liquid and vapour  
H304 May be fatal if swallowed and enter airways  
H315 Causes skin irritation  
H336 May cause drowsiness or dizziness  
H411 Toxic to aquatic life with long lasting effects

#### • Precautionary statements

P261	Avoid breathing vapours
P280	Wear protective gloves / eye protection
P302+P352	If on skin: Wash with plenty of soap and water
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P333+P313	If skin irritation or rash occurs: Seek medical attention
P501	Dispose of contents/containers in accordance with national regulations

#### 2.5. Other Hazards

No additional information available.

#### 2.6. Unknown acute toxicity

No data available

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percentage (%)
Aromatic Solvents	-	>25%

### 4. FIRST-AID MEASURES

#### 4.1. Description of first aid measures

General	Harmful
Inhalation	Move to fresh air. Obtain medical attention.
Skin contact	Wash skin with mild soap and water. Seek medical attention if irritation persists.
Eye contact	Rinse cautiously with water for 15 minutes. Remove any contact lenses if present and easy to do. Continue rinsing. Obtain medical attention.
Ingestion	Rinse mouth. Obtain medical attention. Do not induce vomiting

#### 4.2. Most important symptoms and effects both acute and delayed

General	May cause irritation
Inhalation	Irritating and narcotic
Skin contact	Irritant – risk of dermatitis
Eye contact	Irritant to eyes
Ingestion	Hazardous if swallowed. May cause lung damaged if swallowed

#### Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically
--------------------	-----------------------

### 5. FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable extinguishing media	Dry chemical powder, foam, carbon dioxide
Unsuitable ext.media	Water jet

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	Flammable
Explosion hazard	Can form an explosive vapour/air mixture

#### 5.3. Advice for firefighters

Firefighting instructions	Exercise caution when fighting any chemical fire.
Protection during firefighting	Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous combustion products	Under certain conditions of combustion, traces of toxic substances cannot be excluded.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures Contaminated surfaces will become very slippery.

### 6.2. For non-emergency personnel

Protective equipment Use appropriate personal protection equipment (PPE)

Emergency procedures Evacuate unnecessary personnel.

### 6.3. For emergency personnel

Protective equipment Use appropriate personal protection equipment (PPE)

Emergency procedures Secure the area and evacuate unnecessary personnel.

### 6.4. Environmental precautions

Do not allow the product to enter drains or sewers

### 6.5. Methods and materials for containment and cleaning up

For containment Absorb and or contain spill with inert material.

Methods for cleaning up If recovery is not feasible, absorb with inert material. Place in a container suitable for disposal. Dispose of in accordance with current local legislation.

### 6.6. Reference to other sections

Refer to Section 8, Exposure controls and personal protection

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Handling temperature Normal ambient temperature

Hygiene measures Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating or drinking.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Do not store near heat or open flame

Incompatible materials Strong oxidants

Maximum storage period 2 years, but may vary depending on storage conditions.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1. Control parameters

There are no established exposure limits for this product.

### 8.2. Exposure controls

Engineering controls Provide good ventilation when handling large quantities. No special measures are required if stored and handles as above

Personal protective equipment Use appropriate personal protection equipment (PPE)

Hand protection Gloves as well as a barrier cream

Eye protection Safety Goggles

Skin and body protection Use a protective suit

Respiratory protection Half faced respirator (solvent mask)

Other information When using, do not eat or drink

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Black, low viscosity liquid

Odour Pungent

Flash Point (°C) > 23

Ignition Point (°C) > 40

Density (g/cm<sup>3</sup>) 0.93

## 10. STABILITY AND REACTIVITY

Reactivity	None expected under normal conditions
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None expected under normal conditions
Conditions to avoid	Conditions that could aid in static generation
Incompatible materials	Strong Oxidants
Hazardous decomposition products	Thermal decomposition forms carbon monoxide and carbon dioxide

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

- **Acute Toxicity:** Aspiration to lungs
- **Primary irritant effect:**  
**On the skin:** Regular contact on the skin can result in dermatitis  
**On the eye:** Irritating effect.  
**Sensitisation:** Possible through skin contact.
- **Acute and chronic health effects:** Not expected as long as good industrial hygiene and safety precautions are followed.
- **Additional toxicological information:**  
No additional data available

## 12. ECOLOGICAL INFORMATION

This product has not been tested for environmental effects. It is however toxic to fish and other aquatic organisms and poses a danger to drinking water if small quantities leak into the ground.

## 13. DISPOSABLE CONSIDERATIONS

Sewage disposal recommendations	Do not dispose waste into sewer.
Waste disposal recommendations	Whatever cannot be saved for recovery or recycling should be disposed of in accordance with current local legislation

## 14. TRANSPORT INFORMATION

### 14.1 UN Number

ADR, ADN, IMDG, IATA                      UN 1133

### 14.2 UN Proper Shipping Name

- ADR/AND, IMDG, IATA                      Environmentally hazardous substance, liquid, N.O.S.

### 14.3 Transport hazard class

- **ADR, ADN, IMDG, IATA LABEL**



- **CLASS**    3 Flammable liquids

### 14.4 Packing group

- **ADR, ADN, IMDG, IATA**                      III

#### 14.5 Environmental hazards

- Marine pollutant (IMDG), Special marking (ADR/AND), Special marking (IATA)



#### 15. REGULATORY INFORMATION

EU regulations:

Classification and labelling have been determined according to the EU Directives 67/548 EEC and 1999/46/EC (including amendments) and taking into account the intended product use.

#### 16. OTHER INFORMATION

Revision date

March 2017

*This document has been prepared in accordance with the SDS requirements of SANS 11014:2010*

For intended use and applications see the Technical Data Sheet for the product. The information provided in this Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Recipients of our product must take responsibility for observing existing laws and regulations