



# Crown Paints Kenya PLC

Head Office  
Likoni Road  
PO Box 78848 - 00507  
Nairobi, Kenya

Tel : +254 -20- 2165703/4/6  
Or : +254 -20- 6533604-12  
Fax : 6558480 / 6550712  
[www.crownpaints.co.ke](http://www.crownpaints.co.ke)

## MATERIAL SAFETY DATA SHEET

### 1. Substance and Company Identification

**Product Name:** Crown Bituminous Paint

**Chemical Family:** Bitumen based

**Manufacturer:** Crown Paints Kenya PLC, Mogadishu Road,  
Industrial Area, Box 78848-00507, Nairobi, Tel:  
+254-20-533603, Fax: +254-20-544641

**Email:** [safety@crownpaints.co.ke](mailto:safety@crownpaints.co.ke) OR  
[technical@crownpaints.co.ke](mailto:technical@crownpaints.co.ke)

### 2. Composition, Information and Ingredients

A solvent-based bituminous water-proofing paint

| <b>Substance</b>    | <b>Weight %</b> |
|---------------------|-----------------|
| Bitumen             | 40 - 70         |
| Solvents            | 30 - 50         |
| Pigment & extenders | 0               |
| Additives           | 2 - 4           |

### 3. Hazard Identification

Contains solvent which causes defatting of the skin and, in extreme cases, dermatitis. Possible risk of irreversible effects.

### 4. First aid measures

**Skin contact:** Wipe off and wash thoroughly with water.

**Eye splash:** Flush eyes immediately with large amounts of water. Consult physician if irritation persists.

**Inhalation:** Remove to fresh air. Restore breathing. Consult physician if irritation persists.

**Ingestion:** Give 1-2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult physician if irritation persists.



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## 5. Firefighting measures

**Suitable extinguish media:** Dry powder, CO<sub>2</sub>, foam, sand, earth.

**Unsuitable extinguishing media:** Never use water jet

**Special exposure hazards in fires:** None known

**Required special protective Equipment for fire fighters:** Wear suitable protective clothing.

## 6. Accidental Release Measures

**Precaution:** Remove all sources of ignition (flame, hot surfaces and electrical, static and frictional sparks)

**Personal:** Provide maximum ventilation. Avoid breathing vapours.

**Environmental:** Do not flush into surface water or sanitary sewer systems

**Clean up:** Soak with inert material (e.g., sand, silica gel, acid binder, and sawdust) and use non-sparking tools. Place in clean empty containers. Dispose in accordance with the regulations, use licensed hazardous waste disposal agent.

## 7. Handling and Storage

**Storage:** Do not store or use near heat or naked flame. Store at room temperature (below 48°C) in a dry place. Keep container tightly closed and upright to prevent leakage.

**Handling:** Vapour may collect on low areas. Avoid static generation when pouring out liquid. Avoid breathing mist when spray applying and dust when sanding. Do not weld or flame cut empty containers. Wash hands before eating, smoking or using the washroom. Do not smoke, eat or drink anywhere near where this product is stored or used.

## 8. Exposure Controls/ Personal Protection

Respiratory protection: Should not be necessary with adequate ventilation. In poorly Ventilated areas, a cartridge mask approved for organic vapors is recommended.

Hand protection: Wear suitable impervious gloves.

Eye protection: Appropriate chemical resistant goggles

**Engineering Controls:** Keep away from food, drinks and tobacco.

**Respirators:** Use a dust particle mask when sanding. Avoid breathing vapors or spray mist.



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**Other clothing:** DO NOT WEAR contact lenses when working with paints and paint related materials.

## 9. Physical and Chemical Properties

**Appearance:** Black liquid

**Flammability:** Flammable

**Odour:** Petroleum solvent

**Auto flammability:** Approx. 230° C

**pH:** Not applicable

**Explosive properties:** UEL 8% Vol. LEL 0.9% Vol.

**Boiling point / boiling point range:** Not determined

**Vapour pressure:** 0.44 kPa

**Relative density:** 0.95 + 0.02

**Melting point range:** Not applicable

**Solubility (water and fat):** Insoluble in water

**Flash point (°C), closed cup:** 40° C

## 10. Chemical stability and reactivity

Stable under normal conditions. Avoid excessive heat. Hazardous decomposition products: CO, CO<sub>2</sub>, H<sub>2</sub>S, oxides of nitrogen and sulphur.

## 11. Toxicological information

Short-term skin exposure may lead to dermatitis. Long term skin exposure may cause irreversible effects.

## 12. Ecological information

The preparation has not been tested but the slow rates of bio degradation of bitumen can cause interference with the normal functioning of ecological cycles. Bitumen should therefore be contained, and spills avoided.

## 13. Transport information

Not classified or regulated as a hazardous material according to transport regulations but precautions should be taken to avoid spillage during transportation.



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## 14. Disposal Considerations

Disposal of material should be by incineration in accordance with local regulations. Packaging should be similarly disposed of.

## 15. Regulatory information

|             |                                                                        |                                |
|-------------|------------------------------------------------------------------------|--------------------------------|
| EEC Symbol  | Xn Harmful                                                             | Contains Bitumen solvent blend |
| R10         | Flammable                                                              |                                |
| R20, 21, 22 | Harmful by inhalation, in contact with skin, by ingestion              |                                |
| R40         | Possible risk of irreversible effects                                  |                                |
| R52         | Harmful to aquatic organisms                                           |                                |
| S2          | Keep out of reach of children                                          |                                |
| S16         | Keep away from sources of ignition – no smoking                        |                                |
| S7, 9       | Keep container tightly closed in a well-ventilated place               |                                |
| S36/37/39   | Wear suitable protective clothing, gloves and eye/face protection.     |                                |
| S38         | In case insufficient ventilation, wear suitable respiratory equipment. |                                |
| S43         | In case of fire use dry powder, foam or CO2. NEVER water               |                                |

## 16. Other Information

This MSDS was last reviewed on 4 June 2020.

In case of any discomfort always seek medical advice. All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.

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