



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

MATERIAL SAFETY DATA SHEET

1. Substance and Company Identification

Product Name: Crown Bituminous Paint Black for drinking Water Tank

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 OR technical@crownpaints.co.ke

2. Composition, Information and Ingredients

A solvent-based bituminous water-proofing paint

Substance	Weight %
Bitumen	40 - 70
Solvents	30 - 50
Pigment & extenders	0
Additives	1 – 2

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, CO₂, 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.



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Head Office **Respirators:** Use a dust particle mask when sanding. Avoid breathing
Likoni Road 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. LEL0.9% 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, CO₂, H₂S, 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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