



Head Office
Likoni Road
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Fax : 6558480 / 6550712
www.crownpaints.co.ke

June 2015

MATERIAL SAFETY DATA SHEET

1. Substance and Company Identification

Product Name: Crown Concrete Floor Paint
Chemical Family: Solvent/ oil based paints
Manufacturer: Crown Paints Kenya Limited, Mogadishu Road, Industrial Area, Box 78848-00507, Nairobi, Tel: +254-20-533603, Fax: +254-20-544641
Email: safety@crownpaints.co.ke; OR shailesh.patel@crownpaints.co.ke or sandile.shoko@crownpaints.co.ke

2. Composition, Information and Ingredients

| <u>Substance</u> | <u>Weight %</u> |
|---------------------|-----------------|
| Synthetic resin | 40 - 70 |
| Solvents | 30 - 50 |
| Pigment & extenders | 10 - 25 |
| Additives | 2 - 5 |

3. Hazard Identification

Highly flammable. Components may cause lung damage and even death if swallowed. Prolonged or repeated contact with the skin and eyes may produce severe irritation or dermatitis. Vapour may be harmful if inhaled.

4. First aid measures

Skin contact: Wipe off and wash thoroughly with water.

Eye splash: Flash 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

This is a highly flammable liquid.

Suitable extinguishing media: Carbon dioxide (CO₂) or universal aqueous film forming foam

Flash point: 39°C

Special firefighting procedures: Use respirator for enclosed areas. Cool exposed containers with water spray. Minimise breathing vapour or fumes.

Unusual fire and explosion hazards: Do not mix or store with strong oxidising agents such as liquid chlorine or concentrated oxygen. "Empty" product containers still contain some residue. Do not pressurise, cut, heat, weld or expose such containers to flame, they may explode and cause injury or death.

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 wash room. Do not smoke, eat or drink anywhere near where this product is stored or used.



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8. Physical and Chemical Properties

| | |
|-------------------------|-------------------------------------|
| Appearance | Viscous liquid of different colours |
| Boiling point | 65 -90°C |
| Specific gravity | 1.00 – 1.3 depending on product. |
| Viscosity | 80 -100 KU |
| % volatile | 40 – 50 |
| Odour | Slight petroleum odour |

9. Chemical stability and reactivity

This product is stable and will not undergo hazardous reactions. When heated to decomposition it emits acrid smoke and irritating fumes. Open flame combustion may produce fumes, smoke, carbon monoxide, carbon dioxide and other asphyxiates.

10. Toxicological information

Direct contact may cause eye, skin and/or respiratory irritation. Ingestion may cause lung damage and result in death

11. Ecological information

Environmental toxicity: Product has no known adverse effect on the ecology. If applied to leaves, this product may kill grass and small plants by interfering with transpiration and respiration. Product is not toxic to fish but may coat the gills and result in suffocation if spilled in shallow running water. Moderately toxic to amphibians by preventing dermal respiration.

12. Transport information

Not classified or regulated as a hazardous material according to transport regulations