



April 2018

MATERIAL SAFETY DATA SHEET

1. Substance and Company Identification

Product Name: Crown Roadmaking Paint

Chemical Family: Modified alkyd resin-based coatings

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. Hazard Identification

Health Rating: 2-MODERATE - Temporary or minor injury possible even if treatment given.

Inhalation: HARMFUL - Excessive exposure to this material must be avoided.

Skin: Irritating. Prolonged and repeated contact may cause dry skin and dermatitis. **Eyes:** Highly irritating.

Ingestion: Harmful – may cause lung damage if swallowed.

No carcinogenic, mutagenic or genetic effects established. May have short-term environmental effects; contain, monitor & remove.

3. Composition, Information and Ingredients

Substance	Weight %
Synthetic resin	30 - 60
Solvents	10 - 50
Pigment & extenders	10 - 40
Additives	2 - 5

4. First aid measures

Inhalation: Move to fresh air. In case of discomfort seek medical attention.

Skin: Remove contaminated clothing. Use a skin cleaner/soap and water. If any discomfort get medical attention.

Eyes: Rinse immediately with plenty of water and seek medical advice.

Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

5. Firefighting measures

This is a highly flammable liquid with toxic fumes.

Suitable extinguishing media: Use dry chemical, CO₂, water spray (fog) or foam. DO NOT use water jet.

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.

8. Exposure Controls/ Personal Protection

Name	CAS	OEL (mg/m ³)	OEL (ppm)	STOEL (mg/m ³)	STOEL (ppm)
Xylene	1330-20-7	435	100	650	150 RL + S
Toluene	108-88-3	188	50	560	150 RL + S
Aliphatics	64742-89-8	1200RL			

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SAPMA Rating: 2-H-E PPE - Respirator and Eye protection

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: Avoid Skin Contact. Use barrier cream and impervious gloves.

Eyes: Use face-shield or goggles. Avoid direct contact.

Ingestion: Observe the rules of hygiene. Wash before eating, drinking or smoking.

9. Physical and Chemical Properties



Appearance	Viscous liquid of different colours
Boiling point	65 -90°C
Specific gravity	1.1 – 1.3
Viscosity	70 - 90 KU
% volatile	30 – 60
Odour	Petroleum odour

10. Chemical stability and reactivity

Stable under normal conditions
Could generate static – Use earthing.
Inert - no reaction with fire-fighting water

11. Toxicological information

No carcinogenic, mutagenic or genetic effects established

12. Ecological information

May have short-term environmental effects; contain, collect & remove.

13. Disposal Information

Use reputable waste disposal contractors and dispose of according to local by-laws. Exercise care with used containers.

14. Transport information

SIN/UN Number: 1263
Shipping Name: PAINT
Packaging Group: III
Class: 3

15. Regulatory Information

Classification: F, Xn
R11 Highly flammable
R20/21 Harmful by inhalation and contact with the skin
R65 Harmful – may cause lung damage if swallowed
R67 Vapours may cause drowsiness or dizziness
S2 Keep out of reach of children (Retail sales items)
S13 Keep away from food, drink and animal feeding stuffs
S16 Keep away from sources of ignition – No smoking
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)
S51 Use only in well ventilated areas

16. Other Information

This MSDS was last reviewed on 5 April 2018

Take precautionary measures against static discharges. 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.