



Crown Paints Kenya Ltd

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

August 2014

MATERIAL SAFETY DATA SHEET

1. Substance and Company Identification

Product Name: Crown Multipurpose Varnish.

Chemical Family: Oil Based Varnishes

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	10 - 70
Solvents	10 - 60
Additives	0.5 - 2

3. Hazard Identification

Extremely flammable. Harmful if ingested or inhaled. Irritant to the respiratory system, skin and eyes. May cause dermatitis, dehydration and nervous system depression. Extreme overexposure may result in unconsciousness or death. Repeated or prolonged exposure may aggravate medical condition.

4. First aid measures

Skin contact: Wash thoroughly with soap and water. Remove and clean contaminated clothes before reuse.

Eye contact: Wash with water for 15 minutes. Do not use eye ointment. Seek medical help if irritation continues

Inhalation: Remove victim to fresh air. Seek medical help if irritation continues.

Ingestion: Rinse mouth with water; give conscious victim several glasses of water. Do not induce vomiting. Do not give anything by mouth to unconscious person. Consult physician if irritation persists.



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5. Fire fighting measures

This is a highly flammable liquid.

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

Water spray may be ineffective.

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.

Personal: Provide maximum ventilation. If hardener is spilled, all personnel in the area should wear protective clothing. Avoid breathing vapours.

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

Clean up: Cover spilled material with absorbent material, collect into clean containers using non-sparking tools and wash spill area with soap and water. Test for ignitability before disposal. Dispose in accordance with the regulations, using an approved hazardous material agent or incinerate in an approved facility. Do not incinerate closed container.

7. Handling and Storage

Storage: Store away from heat, sparks and naked flames. Keep container tightly closed when not in use.

Handling: Prior to opening the package, READ INSTRUCTIONS ON TIN CAREFULLY. During use and until all vapours are gone; ensure adequate ventilation, avoid breathing vapour and spray mist, do not smoke, eat or drink, extinguish all flames, electrical gadgets, avoid static, earth containers when pouring. 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. Handle in accordance with good industrial hygiene and safety practice.



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8. Physical and Chemical Properties

Appearance	Viscous clear liquid
Boiling point	55 - 90 °C
Specific gravity	0.92 – 0.97 depending on product.
Viscosity	60 - 70KU
% volatile	10 – 60
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 organ 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

Take proper precautions for air, sea and road transportation.