



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

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1. Substance and Company Identification

Product Name: Crown Zinc Rich Primer

Chemical Family: 2 Pack Epoxy paints

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

Substance	Weight %	CAS No
Epoxy Resin	16 – 35	N/A
Pigments	0 - 15	13463-67-7
Extenders	0 - 20	72608-12-9
Solvents	15 - 22	1330-20-7
Additives	0.5 – 5	N/A

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. Some products contain chromate pigments and overexposure to these may result in severe toxicity and cancer. Prolonged overexposure to solvent ingredients may have adverse effects to liver, urinary, cardiovascular, nervous, respiratory and reproductive systems. Hardener contains amines which may cause skin sensitization. This effect may be delayed several hours after exposure.



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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.

5. Firefighting 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: 23°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, deactivate with 10% ammonia solution, and collect into clean containers using non-sparking tools and wash spill area with soap and water. Test for ignitability before disposal. Waste containing lead and chromates should be tested for extractability. Dispose in accordance with the regulations,



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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: These products are mixed with other components before use. Prior to opening the package, **READ INSTRUCTIONS 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. Do not use chromates containing products on articles to be used by children. 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. Handle in accordance with good industrial hygiene and safety practice.

8. Physical and Chemical Properties

Appearance	Viscous grey liquid
Boiling point	158° to 177° C
Specific gravity	2.5 – 2.5
Viscosity	98-102 KU
Solubility in water	Negligible
Odour	Petroleum odour

9. Chemical stability and reactivity

Conditions to avoid: Open flames, sparks, electrical arcs.

Incompatibility (materials to avoid): Strong oxidizing agents, strong acids or bases.

Hazardous decomposition or by-products: Carbon dioxide, carbon monoxide or hydrogen.

Hazardous polymerization: Will not occur



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10. Exposure Controls/ Personal Protection

CAS #	TLV (mg/m ³)	OSHA PEL (mg/m ³)
13463-67-7	10	15
61790-53-2	10	6
7631-86-9	10	6

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

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

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

11. Toxicological information

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

12. 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.

13. Transport information

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



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Disposal Considerations

Waste Disposal Method

Incinerate in approved facility. Do not incinerate closed container.
Dispose in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

15.

Regulatory information

HMIS Health Code 1 - Slight Hazard

HMIS Fire Code 1 - Slight Hazard

HMIS Reactivity Code 0 - Minimal Hazard

HMIS Personal Protection B: Safety glasses and gloves.

16.

Other Information

This MSDS was last reviewed on November 2018.

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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