



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 Thermoline Road Marking
Chemical Family: Road Marking 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> |
|---------------------|-----------------|
| Solid Resin | 18 – 25 |
| Pigment & extenders | 70 - 85 |
| Additives | 2 - 4 |

3. Hazard Identification

No significant hazards. Dust inhalation may occur during mixing.

4. First aid measures

Skin contact:

Burns from hot material: Immerse in water immediately. DO NOT ATTEMPT TO REMOVE COOLED MATERIAL FROM SKIN. Seek medical attention.

Contact with dry powder wash thoroughly with soap and clean water.

Eye contact: Wash clean with water. Seek medical help if irritation continues

Inhalation: Provide rest, warmth and fresh air. Seek medical attention

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.



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

5. Firefighting measures

Material is not highly flammable and does not support combustion.

Suitable extinguishing media: Carbon dioxide (CO₂), dry powder or universal aqueous foam. Do not use water as extinguisher.

Specific Hazards: Vapours containing carbon monoxide and carbon dioxide.

6. Accidental Release Measures

Personal: Provide maximum ventilation. Avoid breathing vapours.

Precaution: Wear heat resistant gloves and ensure adequate ventilation.

Environmental: Prevent entry of hot material into drains and sewers

Clean up: Allow hot material to cool then break into handleable pieces using a shovel or scrapper. Transfer to clean containers and dispose in accordance with local regulations.

7. Handling and Storage

Storage: Store away from moisture, heat, sparks and naked flames. Store between 0 – 40°C.

Usage: Avoid inhalation of dust from powder or vapours from hot product. Avoid contact with hot material.

8. Physical and Chemical Properties

Appearance White or Yellow powder or viscous hot molten material.

Melting point 70 - 120°C

Specific gravity 1.9 – 2.1

Odour Characteristic

Flash Point >220°C

9. Chemical stability and reactivity

Stable under ambient temperatures and will not polymerise. Avoid sources of ignition, oxidising agent and moisture. Heating to over 220°C results in decomposition and emission of carbon dioxide and carbon monoxide.



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

10. Toxicological information

Vapours may cause irritation to the respiratory system. Ingestion of powder may cause nausea, vomiting and diarrhoea. Contact with hot material may cause burns. Dust may cause transient eye irritation. Prolonged inhalation of dust may cause lung diseases.

11. Ecological information

Environmental toxicity: No known ecotoxicity. Product has low mobility in the environment

12. Transport information

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