



Crown Paints Kenya PLC

Head Office
Likoni Road
PO Box 78848 - 00507
Nairobi, Kenya

May 2021

Tel : +254 -20- 2165703/4/6
Or : +254 -20- 6533604-12
Fax : 6558480 / 6550712
www.crownpaints.co.ke

MATERIAL SAFETY DATA SHEET

1. Substance and Company Identification

Product Name: Thermoplastic Roadmarking
Chemical Family: Hot melt road marking paint
Use Marking bitumen roadlines
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 ravindra@crownpaints.co.ke;

2. Composition, Information and Ingredients

Component	%	CAS No
Hydrocarbon resin	18 - 22 %	64742-16-1
Mineral	1 - 2 %	Trade Secret
Glass beads	30 - 40 %	Trade Secret
Extender	35 - 45 %	Trade Secret
Pigments	08 - 10 %	Trade Secret

3. Hazard Identification

Inhalation	Excessive inhalation can cause nausea, headache, intoxication.
Ingestion	May cause irritation to the digestive tract and mouth causing vomiting and abdominal pain
Skin Contact	Prolonged contact will affect and dry the skin and may lead to irritation and dermatitis.
Eye Contact	Will cause intense smarting and irritation

4. First aid measures

Inhalation	Remove to fresh air. Give oxygen / artificial respiration if needed. Consult Doctor.
Ingestion	Do not induce vomiting. Give plenty of water. Consult Doctor.
Eye Contact	Flush with clean water for minimum 15 minutes. Consult Doctor.
Skin Contact	Remove contaminated clothing. Apply proprietary skin cleaner, then wash with copious soap and water. Apply skin cream.



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5. Firefighting measures

Extinguishing Media	Use dry chemical powder, carbon dioxide or foam.
	Do NOT use water jets. Cool fire exposed containers with water spray.
Special Fire Fighting procedures	Wear self-contained breathing apparatus, Full protective clothing. Spray drums with Water to keep cool.
Unusual Fire & Explosion Hazards	Combustible liquid. This product will burn if exposed to fire.

6. Accidental Release Measures

No special steps to be taken

7. Handling and Storage

Precautions for safe handling: Keep in tightly closed container in cool dry area from all sources of ignition

Other precautions: Store away from oxidizing agents, peroxides, food stuffs

8. Exposure Controls/ Personal Protection

Respiratory Protection: If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision.

Ventilation: Ensure adequate ventilation to comply with OEL.

Protective Gloves: Rubber/ PVC

Eye Protection: Safety glasses with side shields or face shields as appropriate recommended.

9. Physical and Chemical Properties

Appearance	White, Yellow and red powder
Melting point	160 - 190°C
S.G.	1.36
Odour	Hydrocarbon



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10. Chemical stability and reactivity

Stability	Stable under normal conditions
Conditions to avoid	Heat, flames and other ignition sources.
Materials to avoid	Oxidising agents, strong acids, alkalis, Halogens
Hazardous Decomposition Products	Produces Oxides of carbon

11. Toxicological information

Inhalation: Risk of irreversible effects through inhalation after single exposure. Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Ingestion: Risk of irreversible effects if swallowed after a single exposure. Harmful: may cause lung damage if swallowed. Ingestion of this product will irritate the gastric tract causing nausea and vomiting. Aspiration into the lungs may result in chemical pneumonitis.

Skin Contact: Risk of irreversible effects in contact with skin after a single exposure. May cause redness, itching and irritation.

Eye Contact: May cause eye irritation, tearing, stinging, blurred vision, and redness

Chronic Effects: Risk of irreversible effects through inhalation, in contact with skin and if swallowed

12. Ecological information

Not expected to bioaccumulate or biomagnify. Is expected to slowly degrade at the air interface. May float on water.

Environmental Protection: Prevent this material entering waterways, drains and sewers.

13. Disposal Considerations

Dispose in accordance with all local and governmental regulations

14. Transport information

UN number: None Allocated.
Dangerous goods class: Non-Combustible

15. Regulatory information

Risk Phrase

R40(3) Possible risk of irreversible effects.

R40/20/21/22 Risk of irreversible effects through inhalation, skin contact and if swallowed.

R65 Harmful: may cause lung damage if swallowed.



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Safety Phrase

S23 Do not breathe as/fumes/vapour/spray.

S24/25 Avoid contact with skin and eyes.

S37/39 Wear suitable gloves and eye/face protection.

S62 If swallowed, do not induce vomiting; seek medical advice.

16. Other Information

This MSDS was last reviewed on 22 May 2021