

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	PROLONG WATER BASED ROAD MARKING PAINT (PL051)
Synonyms	Water based paint.
Description	A blend of pigments in water based binder.
Dura Paints (Pty) Ltd	5 Wakefield Road, Founders View South, Edenvale, 1610, South Africa
Contact us on	+27 11 452-5221

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class	Emulsion based paint.
Classification	Not classified as hazardous
Comment	Liquid form
Hazardous and or other relevant Components	No significant quantity of any classified hazardous substance present.
Active Ingredients:	
Emulsion (Water based)	<25%. Practically non- toxic - LD50.(Rat) Oral and Skin > 2000 mg/kg.
2,2,4-trimethyl-1,3-pentandiol monoisobutyrate CAS 25265-77-4)	< 1%. Practically non- toxic - LD50 (Rat) Oral 3200 mg/kg. Dermal (Guinea pig) > 15g/kg
R-Phrases	None
S Phrases	S2, 24/25

3. HAZARDS IDENTIFICATION

SAPMA Health Rating	4-Minimal – No great risk to health.
Highly Flammable	Non-Flammable
Harmful	Ensure sufficient ventilation, avoid inhalation of vapours. Avoid contact with skin or eyes.
Ingestion	Irritating and nauseating.
Skin contact	Avoid exposures to vapours, fumes and mist.
Eye Contact	May cause irritation, avoid contact.
Principle routs of exposure	Eyes.

4. FIRST AID MEASURE

Ingestion	Wash mouth with plenty of water. Do not induce vomiting . Seek medical attention.
Skin	Wash with soap and water or recognised skin cleaner. Avoid use of solvents.
Inhalation	Move to fresh air. In case of discomfort seek medical attention.
Eyes	In case of contact immediately flush eyes with clean water for at least 15 minutes. Obtain medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Extinguishing media	Use foam, CO ₂ , dry powder.
Special Hazards	Non-flammable. No direct explosion hazard expected.
Protective Equipment	In case of fire, wear respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Surface may be slippery. Wear protective equipment to prevent skin and eye contact and breathing vapours.
Environmental Precautions:	Do not allow product to enter sewage drains, soil or watercourses.
Clean up method:	Contain & collect spillage with non-combustible absorbent material and dispose of according to local regulations. Do not allow product to enter drains and sewers.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Technical measures:	Precautions to be taken in handling and storage as per packaging instructions.
Safe handling	Avoid contact with eyes.
Packaging materials:	Keep in original container.
Storage conditions:	Store in a cool, dry, well ventilated area away from direct sun, sources of heat, and severe cold.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

SAPMA Rating	4-H-C PPE – Eye Protection
Inhalation	In case of insufficient of insufficient ventilation use suitable respiratory protection.
Skin	Avoid contact as far as possible. Observe the rules of hygiene. Wash before eating, drinking or smoking. Use barrier cream and gloves.
Eyes	Avoid direct contact. Never touch eyes with dirty hands or gloves. Use safety glasses.
Ingestion	Observe the rules of hygiene. Wash hands before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	White, Red, Black, Blue or Yellow Liquid	Odour	Slight
Specific Gravity (g/ml)	1.61 (typical)	Viscosity@ 25 C	90 to 95 KU (typical)
Water solubility	Water miscible	pH	8.8 – 9.3

10. STABILITY AND REACTIVITY

Stable under normal conditions.	
No reaction with fire-fighting water	Avoid contact with strong oxidising agents.
Incompatibility (material to avoid)	None Known
Conditions to avoid	Avoid contact with acids, alkalis and hydrocarbon solvents.

11. TOXICOLOGICAL INFORMATION

No records of chronic effects found.

12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove. Do not discharge into lakes, streams, ponds, etc.

13. DISPOSAL CONSIDERATIONS

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Exercise caution in disposal of used containers

14. TRANSPORT INFORMATION

SHIPPING NAME:	Not classified
PACKAGING GROUP:	Non classified
HAZARD CLASS:	Non classified
UN / S.I.N NUMBER:	Not classified as dangerous for transport

15. REGULATORY INFORMATION

Classification:	Not classified as hazardous
S-Phrases	S2 – Keep out of reach of children S24/45 – Avoid contact with eyes and skin..

16. OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, whether expressed or implied is made. All information is given in good faith, but without guarantee in respect of accuracy and no responsibility is accepted for errors or omissions or the consequences thereof. The current version of this MSDS and a Technical Data Sheet (TDS) are available from Dura Paints website - www.durapaints.co.za.

MATERIAL SAFETY DATA SHEET

C	=	Ceiling limit	NEGL	=	Negligible
EST	=	Estimated	NF	=	None found
NA	=	Not applicable	UNKN	=	Unknown
NE	=	None established	REC	=	Recommended
ND	=	None determined	V	=	Recommended by vendor
TS	=	Trade secret	SKN	=	Skin
R	=	Recommended	MST	=	Mist

END OF MSDS