

ROAD MARKING SOLVENT BASED PAINT

DI015

PRODUCT CODE:	Road Marking LF Black Solvent Based	: RMBKSLV (05) (20)
	Road Marking LF White Solvent Based	: RMWHSVLV (05) (20)
	Road Marking Yellow Solvent Based	: RMYELLSLV (05) (20)
	Road Marking LF Yellow Solvent Based	: RMLFYELLSLV (05)

* LF = Complies with the South African legal lead limit of 90ppm or less.

PRODUCT DESCRIPTION: ROAD MARKING PAINT is an alkyd solvent based, quick drying paint.
 ROAD MARKING SOLVENT BASED PAINT can be used on asphalt, concrete roads, curbstones and speed humps.
 ROAD MARKING SOLVENT BASED PAINT can be applied by brush, roller or road lining machine.

INTENDED USES: Painting roads, parking bays, curbs or factory floors.

FEATURES: Solvent Based. Good adhesion and build. Durable and hard wearing. Weather resistant.

PRODUCT INFORMATION:	• APPEARANCE	Semi/low Gloss
	• COLOUR	Black, White and Yellow.
	• VOLUME SOLIDS	Approx. 42 by volume (varies by colour).
	• MASS SOLIDS	Approx. 61% by mass (varies by colour).
	• S G @ 25°C	1.31 – 1.36 (Varies slightly by colour).
	• RECOMMENDED DFT	MIN.: 50µm MAX: 100µm
• PRACTICAL SPREADING RATE	9 - 12 m ² /L at 50µm (DFT)	
• VISCOSITY @ 25°C (WHITE)	75 – 80 KU (depending on colour)	

- APPLICATION DETAILS:**
- MIXING Stir thoroughly with a flat paddle until homogeneous.
 - METHOD Brush, roller or spraying (recommended).
 - THINNING A minimum of **Dura Lacquer Thinners** may be added, depending on the application.
 - CLEANING **Dura Lacquer Thinners**.
 - SUBSTRATE Concrete / Tar
 - APPLICATION ENVIRONMENT

Surface Temp	Ambient Temp	Relative Humidity
Min 10°C or 2°C above dew point	Min 10°C or 2°C above dew point	Min: 10%
Max.: 40°C	Max.: 40°C	Max.: 85%

- Do not apply when ambient or surface temperature is below 10 °C, or in inclement weather.
- DRYING TIME

Touch dry	15 Min @ 25°C
Hard dry	30 Min @ 25°C

SURFACE PREPARATION: Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before applying. On chalky and dusty surfaces, remove all loose material using a stiff bristle brush. Remove loose and flaking paint down to a sound substrate and a firm edge by scraping and lightly sanding existing paint to ensure good adhesion. Surfaces must be thoroughly dry – no more than 12% moisture content.

ROAD MARKING SOLVENT BASED PAINT (contd.)

APPLICATION:

Stir the paint well before use using a flat paddle and apply with airless road marking machine. Brush, roller or conventional spray can be used for small areas, after thinning (5% **Dura Lacquer Thinners**).

Apply one to two coats of Road Marking Solvent to achieve the required build (DFT). Coverage / spreading rate of Road Marking Solvent Based depend largely on the porosity and condition of the substrate being painted and the manner in which the product is applied. Do not apply during inclement weather or if temperature is below 10°C. Application under these conditions may result in poor adhesion, blistering, loss of gloss, streaking and prolonged drying times. During application, **Dura Lacquer Thinners** may be used for thinning and cleaning in small quantities.

STORAGE AND PACKAGING:

- Store in approved fire store.
- Store away from direct sun, heat and severe cold. Do not exceed 50°C.
- Keep containers tightly closed.
- Shelf life 12 months from date of manufacture, when correctly stored and unopened.
- Empty containers should be left open in well ventilated area to dry out.
- Do not pour paint down the drain.
- Brush out unwanted paint on newspaper, allow to dry and dispose of via waste collection.
- Dry containers can be disposed of via waste collection or recycled via recycling programs.

TRANSPORTATION:

This product is classifiable in accordance with transportation and classification of dangerous goods act (1996). Flammable.

SHIPPING NAME:	Paint related material
PACKAGING GROUP:	III
HAZARD CLASS:	3
S.I./UN NUMBER:	1307

CAUTIONS:

- Do not paint during inclement weather or if temperature of substrate is below 10°C.
- Drying times increase as ambient temperature falls below 25 °C.
- Do not overcoat with water-based coatings or vice versa.
- For optimum performance a practical spreading rate of 9 M² / l should not be exceeded.
- It is very important to purchase sufficient paint to complete the project. Different batches may result in slight variations in colour that are beyond the control of the manufacturer.
- Do not add water to this product.
- Allow sufficient drying time before subjecting **Road Marking Solvent Based** to traffic.

SAFETY PRECAUTIONS:

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention.
- Refer to Safety Data Sheet (SDS) for complete information. See www.durapaints.co.za

DISCLAIMER:

- *The recommendations contained herein are given in good faith and are meant to guide the specifier or the user.*
- *They are based on results gained from our experiences and tests and are believed to be reliable.*
- *Products are manufactured to stringent specifications under laboratory controlled conditions. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control. Warranty is restricted to the replacement of defective product and excludes any direct, indirect or consequential loss of any nature howsoever caused.*
- *Technology may change necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used. See www.durapaints.co.za.*

