

PROMINENT PAINTS MACHINERY ENAMEL

PRODUCT DESCRIPTION:

Quick drying enamel based on a short oil air drying alkyd.

INTENDED USES:

Spray and dip application on suitably prepared, primed mild steel.

FEATURES:

1. Rapid drying - Can be accelerated with heat.
2. Good adhesion.
3. Overcoat after 2 hours, but not longer than 6 hours.
4. Good colour and gloss retention.

PRODUCT INFORMATION:

<u>Appearance:</u>	Gloss finish.
<u>Colours:</u>	As per latest colour card. Tint bases to tint most of the colours on the tint system.
<u>Solids:</u>	50% by Mass, 43% by volume.
<u>Density:</u>	1,09Kg/litre.
<u>Recommended Dry Film Thickness:</u>	25µm.
<u>Spreading rate:</u>	12m ² /litre.
<u>Viscosity at 23 °C:</u>	± 65Kµ.
<u>Flash point:</u>	23 °C
<u>Respecting the environment:</u>	100% Lead Free. Dispose of excess product and containers in a responsible manner without harming the environment.

This product is manufactured under strict SABS ISO 9001 quality standards.

STORAGE:

Keep containers properly sealed.
Store away from direct heat, sun and severe cold in a place with adequate ventilation.

PACKAGING:

White, Black & Clear Tint Base – 1Lt, 5Lt, 20Lt
Standard colours – 1Lt, 5Lt
Merc Ox Blood – 5lt Only

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APPLICATION DETAILS:

<u>Mixing:</u>	Stir thoroughly with a flat paddle to an even consistency. Stir occasionally during use.
<u>Method:</u>	Dip or airless spray.
<u>Thinning:</u>	ProGold Lacquer Thinners or ProGold Industrial Thinners. 10%-25% maximum for spray applications.
<u>Cleaning:</u>	ProGold Lacquer Thinners or ProGold Industrial Thinners.
<u>Conditions:</u>	Temperature between 5°C and 40°C, relative humidity of less than 85%, preferably between 10:00 and 16:00. Ideally, apply when the temperature of the substrate is at least 2°C above dew point, if possible away from direct sunlight.
<u>Drying time:</u>	Surface dry: 15 Minutes; Hard dry: 4 - 6 Hours Through Dry: 48 Hours at 23°C with a relative humidity of 85% or less. Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase) whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).
<u>Recoating time:</u>	2 Hours to 6 Hours maximum at 23°C.
<u>Requirements:</u>	2 Coats.

SURFACE PREPARATION:

Surfaces must be sound, dry, grease free, clean and dry before painting.

New work:

- All surfaces should be rubbed down with fine abrasive paper.
- Degrease, using ProGold General Purpose Cleaner/water mixture (1:5) and scouring pad. Rinse with water and leave to dry.
- Prime all bare surfaces with the appropriate Prominent Paints primer suite for the substrate.

Redecorating:

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| 1. Enamel paint: | Strip off and treat as new work. |
| 2. Machinery Enamel: | Abrade well to matt finish and recoat. |

NB: Check compatibility of Prominent Paints Machinery Enamel with previous coats before redecorating.

LIMITATIONS:

- Thick coatings take longer to thoroughly dry and thus directly affects the recommended recoating times.
- Wrinkling can occur if recoating times are not adhered to.
- 14 Days curing time is required for touch-ups if the 6 hour maximum recoatable time has elapsed.
- Machinery Enamel Clear can't be used for tinting.
- Applying thick coatings can, due to the nature of the product, result in adhesion failure.
- Machinery Enamel Matt Black cannot be over coated with Machinery Enamel Clear Coat.
- Machinery Enamel can only be tinted with Prominent Paints Pro-Matic tinting system.
- Spray applications with Machinery Enamel Silver may give off more silver residue compared to a brush application in direct contact situations. For a residue free finish over coat with 1-2 coats of Machinery Enamel Clear Coat.

PROMINENT PAINTS MACHINERY ENAMEL**SAFETY PRECAUTIONS:**

1. Keep out of reach of children.
2. Ensure to maintain good ventilation during application and drying process.
3. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice
4. If product is ingested drink plenty of water or milk. Do not induce vomiting at any time. Seek medical advice.
5. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria. MSDS is available on www.prominentpaints.co.za or from Prominent Paints Customer Service Department.
6. To avoid any risk of spillage, always transport in a secure upright position.

TINT BASES:**Characteristics:**

1. The tint base containers are only filled to levels which are specific for each tint base to allow the calculated volume of colourant to be added in order to achieve the volume indicated on the container after tinting.
2. Tint bases and colourants are unfinished products which should not be used on their own.
3. Only once the prescribed colourant is added to the specific tint base will the finished product comply with the technical features and related information as set out in this TDS.

Product Information:

Colourant to be used: Prominent Paints colourants are **100% Lead Free** specifically formulated for use with Prominent Paints Pro-Matic tinting system.

Tint Bases: Controlled White and Clear Tint Base.

DISCLAIMER:

The information contained herein is given in good faith and is meant merely as a guide for the specifier or user. It is gained from results obtained from our experience and tests carried out under controlled conditions. No warranty/guarantee is implied since the conditions of use, application method, substrate and cleanliness of the substrate are beyond Prominent Paints control. For a surface specific specification contact Prominent Paints Customer Service Department for assistance. This issue supersedes all previous publications.

Important Note; Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used for reference. Prominent Paints Technical Data Sheets are available on www.prominentpaints.co.za or from Prominent Paints Customer Service Department.

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