

Product Data Sheet

505-(14)-04/14



Makers of Fine Paint Since 1962

ISSUED: 11 April 2014

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505 Enamelac



Very fast drying spraying enamel incorporating lightfast, high opacity pigments, based on epoxy modified polymer resins. It produces a touch, wear resistant finish with excellent weathering and durability.

USES: As a finishing coat on industrial sheet metal work, household furniture, shop fittings, etc. It may be used over clean bare ferrous metals, but for maximum results 505 Enamelac is best applied over suitably primed surfaces. 505 Enamelac also gives excellent results on properly prepared timber surfaces.

SURFACE PREPARATION: All surfaces should be clean, dry and free from oil and grease. Use 131 Superbond on bright and non-ferrous surfaces. Steel surfaces should be primed with suitable anti corrosive primers such as the 131 Superbond or 291 Satin Primer systems. On timber use 307 White Wood Undercoat.

APPLICATION: Stir thoroughly until product is uniform. 505 Enamelac is best suited to spray application. Apply a light tack coat paying special attention to edges and corners, allow a short flash time (5 minutes) and then apply one full coat. 505 Enamelac may also be brushed on small areas such as handrails or in linemarking but some brush marks may be evident.

Conventional Spray: 1.5 mm to 2mm Fluid nozzle at an air pressure of 45 to 50 psi (300-350kPa) is recommended. Thin approximately 30% with F-200 Reducer.

Airless Spray: Recommended Tip size is 13 to 15 thou (330 – 380 µm) Thin approximately 10-15% with F-200 Reducer.

Electrostatic Spray: 505 Enamelac can be sprayed electrostatically. Please contact Topline Paint.

Brush: When brushing, Mineral Turps may be used sparingly to increase flow.

In hot conditions replace F-200 with F-205 to slow drying, improve flow and prevent dry spray.

CLEAN UP: F-200, F-205 Reducer or T-14 Gunwash.

DRYING: Touch dry in 10 minutes, hard dry after overnight at 25°C. 505 Enamelac may be re-coated up to 4 hours after application at 25°C. Use caution if recoating after 4 hours, test apply a small area first.

COLOUR: White, Black, Clear and an extensive colour range. Custom matching available.

FINISH: Gloss. Satin is available on request.

COVERAGE: Theoretical coverage 10-12m²/lt at typical 30 µm dry film thickness. Volume Solids 35% (typical)

PACK SIZES: 4 Litre, 20 Litre available in all colours. 1 Litre available in White, Clear & Black only,

VEHICLE TYPE: Modified polymer resins.

PIGMENT TYPE: Lightfast pigments appropriate for that colour.

FILM PROPERTIES:

Solvent Resistance	Fair.	Chemical Resistance	Good.
Abrasion Resistance	Good.	Impact Resistance	Good.
Heat Resistance	Good up to 100°C. White and pastel colours will show some yellowing at higher temperatures.	Flexibility	Good.

TOPLINE PAINT PTY LTD

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.



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PRECAUTIONS:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Topline Paint and one will be provided.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion.

Hazard: The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes

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