



363 AUTOMOTIVE ENAMEL

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DESCRIPTION

363 AUTOMOTIVE ENAMEL is a premium air dry spraying enamel based on the latest alkyd resin technology, especially formulated for finishing of all types of vehicles including passenger vehicles, trucks, buses and trailers. 363 AUTOMOTIVE ENAMEL is designed for overall finishing and not recommended for repair or touch-up of motor cars. For this purpose, use 330 ACRYLIC LACQUER or 604 ACRYLIC URETHANE ENAMEL, 606 PARAGLAZE or 706 BASECOAT/CLEARCOAT.

363 AUTOMOTIVE ENAMEL is available as a Tinting System consisting of 29 tinters based on the same high quality, light fast automotive pigments utilised in 330 ACRYLIC LACQUER and Two Pack Tinting Systems. All tinters are carefully standardised and controlled to ensure uniformity in both tint strength and tone.

Colour mixing formulations for most vehicle manufacturers' colours are available dating back to 1965, including many metallic colours. Formulae for most Australian company fleet colours are also available.

FEATURES

363 AUTOMOTIVE ENAMEL exhibits the following outstanding properties:

- High gloss
- Outstanding flow and levelling
- Early resistance to tape marking
- Good durability

SUITABLE SUBSTRATES

363 AUTOMOTIVE ENAMEL may be applied over most properly prepared substrates including metal, fibreglass, timber and existing paintwork in sound condition.

SURFACE PREPARATION

All surfaces to be painted should be clean, dry, free from all traces of contamination and be well sanded.

- **BARE STEEL:** Treat with PROTEC 971 METAL CONDITIONER AND DEGREASER. Prime with PROTEC 404 AUTOMOTIVE ENAMEL UNDERCOAT.
- **BARE ALUMINIUM:** Thoroughly wash with PROTEC R123 H.D. WAX AND GREASE REMOVER and abrade with nylon abrasive pad. Apply PROTEC 426 VINYL ETCH PRIMER, PROTEC 429 PARAPHOS PRIMER SURFACER or PROTEC 406/413 TWO PACK ETCH PRIMER.
- **ZINC COATED STEEL:** Degrease with PROTEC R123 H.D. WAX AND GREASE REMOVER, abrade with nylon abrasive pad, and prime with PROTEC 404 AUTOMOTIVE ENAMEL UNDERCOAT.
- **FIBREGLASS:** Wash surface with detergent solution, followed by washing with R123 H.D. WAX AND GREASE REMOVER. Sand thoroughly with 280 grit wet rub paper. Prime with 404 AUTOMOTIVE ENAMEL UNDERCOAT.
- **EXISTING PAINTWORK:** Wash thoroughly with R123 H.D. WAX AND GREASE REMOVER and sand with 280 grit wet rub paper. Treat all bare metal areas with 971 METAL CONDITIONER AND DEGREASER. Prime with 404 AUTOMOTIVE ENAMEL UNDERCOAT.



TECHNICAL DATA SHEET

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THINNING

- Thin 363 AUTOMOTIVE ENAMEL 25% by volume with R303 ENAMEL REDUCER for spray application. Recommended application viscosity is 18-20 seconds BS4 @ 25°C.
- For large surfaces or very hot conditions use Mineral turps.

APPLICATION

Spray gun setup and working pressure:

	Fluid Tip	Air Pressure
Suction	1.6 –	300-400 kPa
Gravity	1.6 – 1.8	300-400 kPa

- Spray one light even coat and allow to dry for 15 minutes before applying another one or two medium coats allowing 15 minute flash off between coats. AVOID HEAVY WET COATS.
- In the case of metallic colours, finish off with a light coat to produce an even metallic finish.

DRYING

At normal ambient conditions 363 AUTOMOTIVE ENAMEL is:

- DUST FREE 1 hour
- TACK FREE 3 - 4 hours
- READY TO TAPE 16 hours
- RECOAT 16 hours
- Allow at least 4 weeks drying before applying detergents or polishing wax.
- The drying properties of 363 AUTOMOTIVE ENAMEL can be considerably improved by the addition of 369 UAE (Urethane Additive).
- Addition of 500 mls of 369 UAE per 4 Litres of 363 AUTOMOTIVE ENAMEL markedly increases through dry, mechanical and chemical resistance properties, and gloss.

CLEAN UP

- Use R303 ENAMEL REDUCER.

PACK SIZES

- 1 Litre
- 4 Litres
- 20 Litres

PRECAUTIONS

Do NOT attempt to wash or polish the painted surface unless thoroughly dry. A 3 to 4 week drying period is recommended. Do NOT use R103 ALL PURPOSE THINNER in 363 AUTOMOTIVE ENAMEL as this could lead to wrinkling and recoat problems. Do NOT attempt to apply excessive film thickness of 363 AUTOMOTIVE ENAMEL as this may lead to wrinkling. For the same reason, do not leave painted surfaces in hot sun to dry. Colours made from 363 AUTOMOTIVE ENAMEL tinters must have E00 AUTOMOTIVE ENAMEL DRIER SOLUTION added before use otherwise the product will not dry. Use of 369 UAE converts 363 AUTOMOTIVE ENAMEL into a 2 Pack urethane enamel and all precautions and safeguards associated with the use of isocyanate containing materials must be adhered to. This includes handling, mixing and spraying.



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HEALTH AND SAFETY

Contains flammable volatile solvents. Keep away from all sources of heat and open flames. Do not smoke whilst handling. Wear suitable protective clothing to avoid contact with skin and eyes and avoid breathing vapour. Do not spray in confined or poorly ventilated areas without the use of approved air supplied breathing apparatus.

FIRST AID

Eyes	If splashed in eyes, irrigate with copious amounts of clean water for 15 minutes. Seek medical aid if irritation persists.
Skin	If splashed on skin, wash affected area thoroughly with soap and water. If irritation persists seek medical aid. Remove all contaminated clothing and launder before re-use.
Inhalation	If affected by exposure to vapours, remove from area, keep at rest and seek medical aid if symptoms persist.
Ingestion	If swallowed, give glass of water to drink and seek medical assistance. DO NOT induce vomiting.

Consult separate Material Safety Data Sheet for more detailed Health and Safety information.