

Product Data Sheet

306-(9)-01/18



Makers of Fine Paint Since 1962

ISSUED: 16 January 2018

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306 Radiator Black

USE



THINNER/CLEAN



F-200
T-14

APPLICATION



RECOAT



See
Notes

HAZARD



306 Radiator Black is a quick dry enamel with excellent coverage and good flexibility. 306 Radiator Enamel has excellent adhesion to both primed and un-primed metal surfaces. 306 Radiator Enamel is also extremely fast drying.

USES: Recommended for application to radiators, springs, axles and other products requiring a smooth black finish.

SURFACE PREPARATION: All surfaces to be painted should be clean, dry and free from oil and grease. For an improved performance on aluminium and galvanised iron, 131 Superbond Etch Primer is recommended.

APPLICATION: As 306 Radiator Black is supplied ready for use it must be stirred thoroughly until product is uniform using a wide flat blade stirrer or "potato masher" type mixer. Apply 306 Radiator Black by spray or dip only.

THINNING: Supplied ready for use, but 306 Radiator Enamel may be thinned with an additional 10-15% of F-200 Reducer.

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

DRYING: 5 minutes at 25°C. 306 Radiator Black may be recoated after a 10 minute flash off time provided film thicknesses do not exceed 50µm.

COLOUR: Black.

FINISH: Gloss.

COVERAGE: Theoretical coverage is 10m²/litre at 20 microns dry film thickness.

PACK SIZES: 20 Litre.

VEHICLE TYPE: Modified polyester alkyd.

PIGMENT TYPE: Carbon black.

FILM PROPERTIES:

Solvent Resistance	Fair.	Chemical Resistance	Fair.
Abrasion Resistance	Fair.	Impact Resistance	Good.
Heat Resistance	Up to 150°C. (dry)	Flexibility	Good.

COMMON PROBLEMS: The two most common customer difficulties seen with 306 Radiator Black are:-

Dull or Milky Patches on finished article: This is a phenomenon known as "blushing" and is caused by high humidity at the time of drying. It is most commonly seen after a period of warm weather when a few cold and wet days are experienced. It can be overcome by increasing the temperature of the drying area or the use of a small quantity of retarder solvent such as T-18 or Mineral Turps.

Poor Coverage: Invariably caused by improper mixing of the paint. If the paint is stored in a hot place or the weather is warmer, settling can be more rapid than expected. Settling can also be increased by the practice of returning thinned paint to the original drum. Ensure you always stir the product well, as described under "Application" and even pour the paint back and forth between two drums to ensure good mixing.

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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.





306 Radiator Black

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 Safety Data Sheet on this product. If you are unsure if you have an SDS 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