

Product Data Sheet

680-(2)-05/14



Makers of Fine Paint Since 1962

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680 Epoxy Enamel

USE



THINNER/CLEAN



687
Enamel
Spraying
Thinners

APPLICATION



RE-COAT



6 - 12 Hrs

HAZARD



680 Epoxy Enamel is a single-pack, epoxy-ester marine grade enamel. It has excellent resistance to salt, chemicals, alkali and abrasion. It is highly flexible and has excellent anticorrosive properties when applied to metals.

USES: Formulated particularly for marine use where a single pack system is required. It is suitable over most surfaces including metal, wood, GRP (fibreglass) and concrete. Uses include steel roofs, gutters, fences wrought iron, machinery, trailers etc. It is ideal for Marine, Industrial, and architectural applications.

NOTE: This product is not recommended for surfaces that will be permanently immersed in water.

SURFACE PREPARATION: Ensure surface is thoroughly clean and dry, free of any traces of oil, grease, dust, loose rust etc. All loose paint must be completely removed prior to painting.

PRIMER / UNDERCOAT: 680 Epoxy Enamel can be applied over a range of primers and undercoats, including: 660 Epoxy Undercoat, 681 Red Metal Primer, 689 E2 Primer, 666 Vinyl Primer, 678 Universal Undercoat and 664 Sanding Primer.

680 Epoxy Enamel can be applied directly to metal for protected or interior applications, but for maximum protection a suitable primer is recommended.

APPLICATION: Stir thoroughly before use. Apply 2 coats by brush, 6 mm mohair or foam roller, or spray. Lightly sand between coats using 220-400 grit sandpaper.

WHEN TO PAINT: Ideal application temperature 15-25°C Avoid painting in direct sunlight, as this will cause paint to dry too quickly. Do not paint if air and surface temperature is likely to drop below 10°C during curing period, or during damp conditions. Do not paint if the ambient temperature is greater than 35°C or humidity is greater than 85%.

DRYING / RE-COATING: 1st coat dust dry in 15 - 30 mins. Tack dry 1 - 2 hours. Re-coat 6 - 12 hours (depending on temperature & atmospheric moisture).

CURING TIME: 7 days during summer months (25°C or greater) but allow up to 14 days during colder conditions.

THINNING: If required thin sparingly with Mineral Turpentine. If spraying add 5 - 15% 687 Enamel Spraying Thinners.

CLEAN UP: Clean equipment with 687 Enamel Spraying Thinners. Do not clean hands with solvents. Use suitable hand cleaner.

COVERAGE: 10 - 12 sq. metres per litre depending on porosity of surface. **CAUTION** heavy film builds or puddles may result in bubbles appearing on curing.

COLOUR: Available in White, Black and over 1000 tinted colours are also available.

FINISH: Gloss. May also be produced as a satin finish by the use of Flattening Medium such as 650 Formatt.

SPECIAL NOTES: Keep containers out of direct heat & sunlight.

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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.





680 Epoxy Enamel

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