

Product Data Sheet

859-(10)-02/18



Makers of Fine Paint Since 1962

ISSUED: 02 February 2018

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859 Estagloss

USE



THINNER/CLEAN



T-9
Spray
T-27
Brush

APPLICATION



RECOAT



16 Hrs

HAZARD

Isocyanate



A two pack non yellowing polyurethane enamel exhibiting outstanding gloss, colour retention and exterior durability coupled with a high degree of chemical, solvent and abrasion resistance. On properly prepared surfaces, the performance of this material is far beyond that obtained by any conventional coating system.

USES: 859 Estagloss is eminently suited for the finishing of chemical plants, storage tanks, the interior and exterior surfaces of buildings, fixtures and fittings where a chemically resistant or extremely tough coating is required. 859 Estagloss is also ideally suited for the finishing of buses, transport fleet, oil and chemical tankers, rail cars, cement trucks, aircraft and fibreglass boats.

SURFACE PREPARATION: The recommended primer for 859 Estagloss is 858 Epoline Primer Surfacer. Refer to the 858 Epoline Data Sheet for details on surface preparation.

APPLICATION: It is not recommended that Estagloss be applied at temperatures below 10°C, above 35°C or at a relative humidity greater than 85%. Stir both base and hardener thoroughly before mixing 2 parts of base with 1 part of hardener, by volume. Allow to stand for 5 minutes before use. Do not return unused portion to can. Add the correct amount of hardener. **DO NOT FOR ANY REASON** add more or less hardener than stipulated.

Spray: Apply a mist coat followed by a full coat overlapping passes by 50%. Recommended film thickness is 30-40uM dry. (70-100uM wet).

Brush: Apply an even coat of mixed material, allowing 16 hours before re-coating.

Note: This hardener for this paint contains free isocyanates and must be treated with additional precautions. Breathing fumes and spray mist can result in sensitisation to the product and/or asthma like reaction. Persons suffering from chronic respiratory problems should not use this product. All mixing and handling of 859 Estagloss and paint containing it must be carried out under conditions that prevent skin contact and inhalation of vapour. Wear impervious gloves in a ventilated booth fitted with an effective exhaust system. Wear a positive pressure air supplied full face respirator (complying with Australian Standard 1716) and gloves while spraying and until all spray mist has been effectively dispersed.

POT LIFE: Approximately 6 hours at 25°C. Pot life is reduced drastically at elevated temperatures. It is recommended that only material sufficient for two hours work is mixed at any one time.

THINNING: Spray: Thin with T-9 Estagloss Reducer in the 3 parts of Mixed Estagloss to 1 part T-9 reducer.
Brush: Thin sparingly with T-27 Special Brushing Reducer to aid application.

CLEAN UP: T-9 Estagloss Reducer.

DRYING: Surface dry time is 3 hours at 25°C. Recoat after 16 hours at 25°C. Hard dry overnight and full cure after 7 days at 25°C. Higher temperatures will reduce times. Lower temperatures will prolong them. Below 10°C curing times are greatly extended. When applying multiple coats of 859 Estagloss if more than 48 hours has elapsed since the previous coat was applied then thoroughly sand before proceeding.

COLOUR: Wide colour range available.

FINISH: Brilliant full gloss. Satin finish available on request.

COVERAGE: Varies with colour. Theoretical coverage of White Estagloss is 11 m²/Litre at 40 micron dry film thickness.

PACK SIZES: 6 lt pack (4lts Pack A, 2 lts Pack B)

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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VEHICLE TYPE: Non yellowing polyurethane.

PIGMENT TYPE: Varies with colour.

FILM PROPERTIES:

Solvent Resistance	Excellent.	Chemical Resistance	Excellent.
Abrasion Resistance	Excellent.	Impact Resistance	Excellent.
Heat Resistance	Excellent (up to 120°C).	Flexibility	Excellent. Passes 6mm bend test.

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

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