Makers of Fine Paint Since 1962

ISSUED: 14 April 2014

600 Heatline 650°C

USE	THINNER/CLEAN	APPLICATION	RECOAT	HAZARD
	 T-80			

HEAVY DUTY

600 Heatline 650ºC is a pure silicone based coating designed to withstand extremely high temperatures (up to 650°C). It presents an attractive finish and exhibits a highly decorative effect in appearance.

USES: 600 Heatline 650ºC has been developed to meet OE Automotive component specifications for exhaust systems on cars, trucks and other vehicles. It may also be used in more general heat resistant applications where superior durability and resistance to cyclic heat are required.

SURFACE PREPARATION: All surfaces should be clean, dry and free from oil, grease and contaminants. Steel should be free from rust and scale. Freshly blasted steel or chemically cleaned steel is the ideal surface however thoroughly degreased and sanded steel makes and excellent substrate. Primers should not be used as they will fail at high temperatures. Any metal pretreatments used should be checked with the supplier of those materials for suitability in the high temperature environments. After pretreatment/cleaning it is essential that the substrate is washed with clean de-mineralised water to ensure no deposits of dirt, grease, dust or salts remain. Due to the high temperatures and cyclic nature of specifications for this product even residual amounts of material left on the substrate (eg salts deposited from tap water) can cause premature failure of the coating.

APPLICATION: Stir product thoroughly until uniform. 600 Heatline 650ºC is formulated for spray application. To ensure this coating will meet the testing requirements of various automotive specifications this coating should be applied at approximately 15 - 20µm film thickness and should not exceed 25µm

THINNING: May be thinned sparingly with T-80 reducer if required.

CLEAN UP: T-80 or T-14 Gunwash.

DRYING: Touch dry in 20 minutes. Whilst product will air dry to handle maximum film hardness, abrasion and solvent resistance and other properties are not obtained unless the product is cured for 30 minutes at 250-300ºC.

COLOUR: Black**.**

FINISH: Low Gloss. Matt once fully cured.

COVERAGE: Theoretical coverage 10-12 m²/Litre at 20 micron dry film thickness.

PACK SIZES: 200lt , 20lt, 350g Spray Can

VEHICLE TYPE: Silicone

PIGMENT TYPE: High temperature resistant complex metal oxide pigments.

FILM PROPERTIES:

Solvent Resistance	Fair.	Chemical Resistance	Very Good.
Abrasion Resistance	Good.	Impact Resistance	Good – Excellent.
Heat Resistance	**Good up to 600-650ºC.**	Flexibility	Good.

SPECIAL NOTE: Many “high temperature” applications are not actually that high when the temperature is actually determined. It often pays to measure the temperature as it is likely that cheaper and easier to use coating systems may work in place of 600 Heatline 650 ºC. It is also crucial to remember that this system requires baking at least 250-300ºC to obtain maximum results. If it can not be baked it will often self cure when placed in service. However, self curing will only occur properly if then entire painted surface reaches a minimum of 250-300ºC. Areas that do not reach this temperature will never cure properly.

TOPLINE PAINT PTY LTD **33 ALDERSHOT ROAD, LONSDALE, SOUTH AUSTRALIA 5160.**

Telephone: (08) 8384 1188 Fax: (08) 8326 1824 E-mail: admin@toplinepaint.com.au

600 Heatline 650°C

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

TOPLINE PAINT PTY LTD **33 ALDERSHOT ROAD, LONSDALE, SOUTH AUSTRALIA 5160.**

Telephone: (08) 8384 1188 Fax: (08) 8326 1824 E-mail: admin@toplinepaint.com.au