

# Product Data Sheet

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Makers of Fine Paint Since 1962

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## 681 Red Metal Primer

### USE



### THINNER/CLEAN



669  
FX150  
Thinners

### APPLICATION



### RE-COAT



8 Hrs

### HAZARD

ISOCYANATES



*681 Red Metal Primer is a Polyurethane based Metal Primer which combines adhesion with great impermeability and which incorporates corrosion resistant pigments.*

**PACKAGING:** 681 Red Metal Primer is marketed in two packages, i.e., one package containing the Base or non-drying portion and the other package containing the 662 FX Hardener. Before use the two packs should be mixed together thoroughly. Chemical reaction commences immediately and the product is ready for use. It is available in 1 Litre & 4 Litre kits.

**STORAGE:** Storage stability of both packages separately i.e., the Base and the Hardener is almost indefinite provided the tins are kept well sealed and free from water and moisture.

**MIXING:** The mixing proportions for 681 Red Metal Primer are 3 parts of Part A to 1 part of Part B by volume. Stir thoroughly.

**POT LIFE:** The pot life of 681 Red Metal Primer when mixed in accordance with the instructions is approximately 1 hour depending on the temperature. Directions for mixing should be followed carefully to obtain the maximum benefits of the many excellent properties of this coating.

**APPLICATION:** Surfaces must be clean, thoroughly dry and free of wax and grease and loose rust. Abrade surface. Application is by means of Spray Gun or Paint Brush and in either case the product may be thinned 10% to 20% with 669 FX150 Thinners prior to use. One to two coats are recommended. Rougher surfaces or those in more aggressive environments would normally require 2 coats. Sand between coats and prior to the application of a top coat, allowing a minimum of at least 8 hours drying between.

An excellent finish can be produced by spray applying this product however it is **ESSENTIAL** that when spraying 681 Red Metal Primer that you ensure that you are fully aware of the risks and precautions involved in spray painting isocyanate containing coatings. We do not recommend spray application by the do-it-yourself applicator. Where possible such painting should be done in an approved spray booth. An independent air supplied full face respirator complying with AS/NZS 1715 Selection, use and maintenance of respiratory protective devices should be used.

**COVERAGE:** Coverage of 681 Red Metal Primer is approximately 10m<sup>2</sup> per 1 Litre at a film thickness of approximately 50µm.

**DRYING TIMES:** Drying time of Red Metal Primer is 6 to 8 hours, depending on the temperature, but can also be dried or cured by infra-red or conventional heat, as follows:-

| AIR DRYING (at 25°C)              | STOVING                         |
|-----------------------------------|---------------------------------|
| Dust free - approx. 30 minutes    | 93° C (200° F) for 20 minutes.  |
| Tack free - approx. 2 hours       | 116° C (250° F) for 15 minutes. |
| Dry for sanding - approx. 6 hours |                                 |

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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.





## 681 Red Metal Primer

### 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