



291 Chromate Free Primer



USE



THINNER/CLEAN

F-200
T-14

APPLICATION



RECOAT



4 - 6
Hrs

HAZARD



A modified alkyd based industrial metal primer for excellent corrosion resistance and protection for metal surfaces. Dries with a smooth satin finish, providing an excellent base for re-coating.

USES: For priming and protection of structural steel, fabricated sheet steel etc. May be re-coated with most oil, alkyd or copolymer alkyd finishes.

SURFACE PREPARATION: Degrease with T-3 Wax and Grease Remover. For best results, remove all rust and scale by blast or power tool cleaning. However, wire brushing may be used.

APPLICATION: Stir thoroughly until product is uniform. 291 Chromate Free Primer is best suited to spray application. Apply a light tack coat paying special attention to edges and corners, allow a short flash time (5 minutes) and then apply one full coat.

Conventional Spray: 1.5 mm to 2mm Fluid nozzle at an air pressure of 45 to 50 psi (300-350kPa) is recommended. Thin approximately 30% with F-200 Reducer.

Airless Spray: Recommended Tip size is 13 to 15 thou (330 – 380 µm) Thin approximately 10-15% with F-200 Reducer.

Electrostatic Spray: 291 Chromate Free Primer can be sprayed electrostatically. Please contact Topline Paint.

In hot conditions replace F-200 with F-205 to slow drying, improve flow and prevent dry spray.

THINNING: Approximately 30% F-200 or F-205 Reducer for conventional spray application.

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

DRYING: Touch dry in 30 minutes. Hard dry overnight. Re-coat after 4 to 6 hours at 25°C.

COLOUR: Black, Blue, Grey, Red oxide & White. Other colours are available in batch quantities.

FINISH: Satin sheen.

COVERAGE: Theoretical coverage 14 m²/Litre at 25 microns dry film thickness.

PACK SIZES: 4 litre, 20 litre.

SPECIFICATION: Modified alkyd.

PIGMENT TYPE: Inorganic oxides, proprietary corrosion inhibitors, inert extenders.

FILM PROPERTIES:

Solvent Resistance	Fair.	Chemical Resistance	Fair.
Abrasion Resistance	Good.	Impact Resistance	Good.
Heat Resistance	Good up to 120°C (dry).	Flexibility	Good.

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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.



Quality
ISO 9001

SAI GLOBAL



291 Chromate Free 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