



Simco Coatings Inc.

Manufacturer of Military Spec.,
Corps of Engrs. Spec, Industrial, &
Marine Coatings

TECHNICAL DATA SHEET

SIMPRIME #84 (CONFORMANCE: TT-P-645B) **CORROSION INHIBITING PRIMER**

DESCRIPTION: This product is a one component, corrosion inhibitive, zinc-molybdate, alkyd primer for application to steel and aluminum surfaces particularly in marine services. This yellow primer is suitable as an after blast or after pickling primer for plating, as an undercoat for alkyd enamels, and for equipment where a quick drying primer is not required. It has a maximum VOC of 2.8 lbs./gallon or 340 g/l.

CONFORMANCE: This yellow primer conforms to Federal Specification TT-P-645B, Formula # 84.

TECHNICAL DATA

FINISH AND COLOR:	Flat, Lt. Yellow
WEIGHT PER GALLON:	13.0 ± 0.2
VOLUME SOLIDS:	60 ± 2.0%
THEORETICAL COVERAGE AT 4.0 MILS DFT:	Approximate 200 sq. ft. /gallon
VOLATILE ORGANIC COMPOUNDS (VOC):	2.80 lbs./gallon or 340 g/l
FLASH POINT:	104°F
RECOMMENDED DRY FILM THICKNESS (DFT):	1.5-2.0 mils/coat
DRYING TIME @ 75°F:	
(A) TO TOUCH (hrs.)	6 (Max.)
(B) TO RECOAT (hrs.)	18 (Min.)
RECOMMENDED THINNER:	T-81772 Type III Alkyd Thinner

SURFACE PREPARATION: (Ferrous Metal)

1. Round off all welds and sharp steel edges.
2. Remove all surface contaminants.
3. Be certain, surface is dry prior to coating.

Simco Coatings Inc.
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APPLICATION:

Can be applied by conventional spray, brush or a roller. Mix the product thoroughly before use. If required, thin up to a maximum of 5% of T-81772 Type III Alkyd Thinner.

SAFETY PRECAUTIONS:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in the area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in the work area.
- (F) Avoid breathing of vapor, contact with skin and eyes.
- (G) Consult Material Safety Data Sheet before using this Product.

NON-WARRANTY: The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information or of this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc., assumes no responsibility whatsoever for coverage, performance, or any other damages, including injuries resulting from use of this information or of products recommended herein.

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