

RUST-OLEUM®



1500 SYSTEM

SPEEDY-DRY 1573 RUST-INHIBITIVE PRIMER

DESCRIPTION

A fast dry, modified short-oil alkyd primer designed to meet the VOC limit of <600 g/l required for the Automotive Refinishing Rule. Ideal for refinishing of mobile equipment when a minimum downtime is required. Not for use on galvanized steel.

APPEARANCE

Flat Yellow

RECOMMENDED TOPCOAT

1500 System Speedy-Dry Alkyd Enamel

PACKAGING

1-gallon and 5-gallon containers

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Pure Strength® Cleaner/Degreaser item #3599402, commercial detergent or other suitable cleaner. Rinse thoroughly with fresh water and allow to fully dry.

Scrape and wire brush or power tool clean to remove loose rust, scale, and deteriorated coatings. Abrasive blast to a minimum Commercial Grade (SSPC-SP-6, NACE 3) with a blast profile of 1-2 mils (25-50µ) for more severe exposures. Two coats of primer must be used on abrasive blasted surfaces.

PRODUCT APPLICATION (cont.)

APPLICATION

Apply only when the air and surface temperatures are between 32-100°F (0-38°C) and the surface temperature is at least 5°F (3°C) above the dew point.

Spray apply only. Small touch-up may be done by brush.

EQUIPMENT RECOMMENDATIONS

BRUSH: Use a good quality natural or synthetic bristle brush.

AIR-ATOMIZED SPRAY: (pressure)

| Model | Air Cap | Fluid Tip | Fluid Delivery | Atomizing Pressure |
|-------------------|---------|-----------|----------------|--------------------|
| Binks #1 | 63PB | 66 | 16 oz/min | 25-60 psi |
| DeVilbiss MBC-510 | 704 | FX | 16 oz/min | 25-60 psi |

AIR-ATOMIZED SPRAY: (siphon)

| Model | Air Cap | Fluid Tip | Fluid Delivery | Atomizing Pressure |
|-------------------|---------|-----------|----------------|--------------------|
| Binks #18 | 66SF | 66 | — | 25-60 psi |
| DeVilbiss MBC-510 | 30 | EX | — | 25-60 psi |

AIRLESS SPRAY:

| Model | Pump Ratio | Fluid Pressure | Fluid Tip | Filter Mesh |
|---------------------|------------|----------------|-------------|-------------|
| Graco Bulldog | 30:1 | 1600-2400 psi | 0.015-0.019 | 100 |
| Binks Jupiter 8D | 35:1 | 1600-2400 psi | 0.015-0.019 | 100 |
| DeVilbiss Huskie II | 33:1 | 1600-2400 psi | 0.015-0.019 | 100 |

HOT SPRAY:

Recommended temperature 120-140°F (49-60°C)

THINNING

BRUSH (touch up only): 150 Thinner. Normally not required. 5-10% by volume if needed.

AIR-ATOMIZED SPRAY: 150 Thinner. Up to 10-20% by volume.

AIRLESS SPRAY: 150 Thinner. Normally not required. Use

5-10% if needed.

NOTE: In order to maintain the VOC Compliance of the coating, do not thin more than 20% by volume (1 quart per gallon).

CLEAN-UP

150 Thinner or Xylene



TECHNICAL DATA

1500 SYSTEM SPEEDY-DRY 1573 RUST-INHIBITIVE PRIMER

PHYSICAL PROPERTIES

| | | |
|--|-------------------|--|
| | | 1573 Rust-Inhibitive Primer |
| Resin Type | | Modified Short-Oil Alkyd |
| Pigment Type | | Magnesium Silicate, Yellow Iron Oxide, Zinc Molybdate, Zinc Phosphate |
| Solvents | | Aromatic and Aliphatic Hydrocarbons |
| Weight | Per Gallon | 10.9 lbs. |
| | Per Liter | 1.3 kg |
| Solids | By Weight | 61% |
| | By Volume | 41% |
| Volatile Organic Compounds | | <600 g/l (5.0 lbs./gal.) |
| Recommended Dry Film Thickness (DFT) Per Coat | | 1.5-2.5 mils (37.5-62.5µ) |
| Wet Film to Achieve DFT (unthinned material) | | 3.5-6.0 mils unthinned material (87.5-150µ) |
| Theoretical Coverage at 1 mil DFT (25µ) | | 657 sq. ft./gal. (16.2 m ² /l) |
| Practical Coverage at Recommended DFT (assumes 15% material loss) | | 225-375 sq. ft./gal. (5.5-9.2 m ² /l) |
| Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity | Tack-free | 15-20 minutes |
| | Handle | 2-4 hours |
| | Recoat | 30 minutes to 1 hour |
| Dry Heat Resistance | | 20 minutes at 225°F (107°C) (dry to handle after cooling) |
| Flash Point | | 212°F (100°C) |
| Shelf Life | | 5 years |
| Safety Information | | CONTAINS XYLENE AND PETROLEUM DISTILLATES. HARMFUL IF INHALED. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. REFER TO SAFETY DATA SHEET (SDS) FOR ADDITIONAL INFORMATION. |

Calculated values are shown and may vary slightly from the actual manufactured material.

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