

# MILSPRAY

Military Technologies

## PREFILLED TOUCH-UP AEROSOL PRIMER

### MIL-PRF-85582 WATER REDUCIBLE EPOXY PRIMER

#### DIRECTIONS FOR USE:

- Step 1:** Shake MILSPRAY bottle **AGGRESSIVELY** for 30 seconds from time you hear ball rattle. It is important that you shake until all pigment is uniformly dispersed before adding hardener. Remove cap to expose foil seal on top of bottle. Keep cap nearby.
- Step 2:** Remove white cap from small bottle containing "Part B." This is the bottle with the neon pink label. Place spout tip cap (separate piece in bag) in center of foil seal on catalyst bottle and gently push through the center of the seal. Attach spout tip cap to small catalyst bottle and place tip of catalyst bottle on center of foil seal on larger paint bottle and gently push through the center until the top of the small catalyst bottle is resting on the foil seal. Squeeze the bottle firmly until all the contents are dispensed into the larger MILSPRAY bottle.
- Step 3:** Replace cap on MILSPRAY bottle and shake **AGGRESSIVELY** for 2 minutes. When done, remove cap. Check viscosity. If necessary, further reduce the mixture with DI water additions of 5% by volume of mixed coating up to a maximum of 15%. Do NOT add more than this amount.
- Step 4:** Allow the material an induction time of 20 minutes before using.
- Step 5:** **IMPORTANT STEP** - Once material has sat for required amount of time, place aerosol unit with intake tube attached through existing hole in foil and into bottle. DO NOT screw onto bottle. With the spray unit resting in the bottle, but NOT screwed down, push aside foil seal by moving the sprayer back and forth randomly in the bottle, using the hard, plastic tube attached to bottom of aerosol sprayer unit and NOT with the small intake tube as using the intake tube in this manner could detach it from the sprayer unit. The objective is to greatly expand the existing hole in the foil so that the bottle is no longer sealed with foil.
- Step 6:** With foil seal now opened up, screw on sprayer, remove cap, and begin spraying. **NOTE: NEVER swirl or shake the contents or tip the bottle beyond a 45-degree angle with the sprayer attached. This will clog intake holes and render the product useless.**
- Step 7:** When finished, dispose of in accordance with local base regulations.
- Notes:** It may be necessary to back flush your sprayer from time to time or when sputtering occurs. To do this, place your fingers over the red dot while pushing the spray button down for 1 second. This will clear any clogs.

#### TECHNICAL INFORMATION

Epoxy Primer Material.....MIL-PRF-85582  
Kit Coverage.....2 - 3 sq. ft @ 1 mil DFT  
Recommended DFT.....0.6 - 1.0 mils  
Pot Life\*.....4 hrs  
VOC.....1.70 lbs./gal (as applied)  
Storage Temp.....35 - 115°F  
Application Temp.....59 - 95°F  
Relative humidity.....35 - 75%  
Note: Dark colors may cure slower than light colors.

Shelf Life.....1 yr  
Full Cure\*.....14 days  
Force Cure\*.....Flash dry at  
55 - 80°F for a min of 1 hour before force curing  
at 145° - 155°F for 24 hrs.  
Dry Hard\*.....6 hrs  
To Topcoat\*.....2 hrs

\*@77°F/25°C