



A NuWave Solutions Company

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## PRODUCT DATA SHEET, GALV-MATCH-PLUS GMP-300 Pens

- TYPE:** Single pack, ready to apply, organic zinc compound with 69% zinc dust and 25% epoxy resin in the dry film.
- USAGE:** Zinc-rich top coat (or primer) for ferrous and non-ferrous surfaces
- FINISH:** Reflective metallic sheen
- COVERAGE:** Gallon: 570 S.F. / Aerosol: 40 S.F. per can at 1 mil dry film thickness
- FLASH POINT:** **55 degrees F. (TCC)**
- V.O.C.:** LBS/GAL. Gallon-5.21 / Aerosol-5.18
- CONDUCTIVITY:** 73 mille ohms per square at 3 mils dry (resistivity)
- TEMPERATURE:** Application: 45o F to 100o / Limits (once applied) – 45o F to 450o F
- DRY TIME:** To touch, 10-25 minutes at 70 degrees F.
- TOPCOATING:** Wait time of 24-48 hours, depending on atmospheric conditions, may be top coated with acrylic, enamel, silicones, latex, or chlorinated rubber type products. **Lacquers or alkyd type should not be used.**
- SHELF LIFE:** Aerosol 24-36 months minimum / Bulk –6 years
- PACKAGING:** 12.5 oz. Aerosol cans & 1-Gallon cans
- SPECIFICATIONS:** Meets requirements of ASTM-A780-00; ASTM B117 (1,000 hrs.), DOD-P-21035A; MIL-P-26915C; MIL-P-46105, TT-P641, SSPC PS-1, PS-14, PS-20, PS-22, PS-29, and PS-30. California MIR compliance of 1.11
- APPLICATION:**
- Brushing: Use as received in can (stir often)
  - Aerosol Use as is. Shake well, invert can and clear nozzle after use
  - Spraying: (low pressure type) Atomized air pressure 50 lbs.
    - Fluid pressure: 15-20 lbs.
    - Orifice of tip: 80/1000ths
    - Viscosity: Reduce in ratio of 8 parts Galv-Match-Plus to 1-part xylene or xylo.
  - Spraying: (airless type)
    - Pump: 30-1, Hose: 1/2" I.D. airless type
    - Orifice of tip: 60o - 26/1000ths, Type of tip -Tungsten carbide, reversing
    - Filter screens: Complete removal is recommended. If used, a 30 mesh is minimum.
    - Viscosity: No reduction required
    - Recommended: Connect hose directly to pump, without filter assembly, ensuring a hose length of 50 ft. max. Use least pressure possible. Start at 1500 lbs. and increase as required for good spraying properties.

**GENERAL SURFACE PREPARATION:** Following are recommended minimum requirements for substrate pre-treatment:

- Grease or Oils Solvent clean (SSPC-SP1) • Rust scale Power tool (SSPC-SP3) • Mill scale Sandblast (SSPC-SP6)

**SCOPE:** Damaged areas caused by cutting, welding, drilling or abrasion.

**SURFACE PREPARATION & APPLICATION:** For all areas that need to be repaired. For brush or spray, apply at least two coats to reach 2.5 to 3.0 mils in the dry film thickness. When possible apply the first coat within two hours of the time the damage to the galvanized surface happened, to prevent oxidation of exposed areas. Areas damaged by welding, remove any weld spatter by wire brushing or by mechanical means, before use of the zinc rich paint. Apply material so that it extends at least 2-4 inches beyond edges of damaged areas, to ensure continuity of galvanic action.

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