



A NuWave Solutions Company

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## PRODUCT DATA SHEET

### PRIME-ZINC-PLUS, PZP-200 Gallon Pack

<b>TYPE DESCRIPTION:</b>	Single pack, ready to apply, organic zinc compound with 95% zinc dust in the dry film. Zinc rich corrosion inhibitor.
<b>USAGE:</b>	Zinc-rich primer for parts & assemblies to be top-coated.
<b>FINISH / COLOR:</b>	Dark Flat Matte Gray.
<b>COVERAGE:</b>	Gallon: 525 S.F. / Aerosol: 40 S.F. per can at 1 mil dry film thickness
<b>FLASH POINT:</b>	<b>55 degrees F. (TCC)</b>
<b>V.O.C.:</b>	LBS/GAL. Gallon-5.21 / Aerosol-5.18
<b>CONDUCTIVITY:</b>	73 mille ohms per square at 3 mils dry (resistivity)
<b>TEMPERATURE:</b>	Application: 45o F to 100o / Limits (once applied) – 45o F to 450o F
<b>DRY TIME:</b>	To touch, 10-15 minutes at 70 degrees F.
<b>RECOAT TIME:</b>	10-15 Minutes
<b>TOPCOATING:</b>	Wait time of 24-48 hours, depending on atmospheric conditions, may be top coated with acrylic, enamel, silicones, latex, or chlorinated rubber type products. <b>Lacquers or alkyd type should not be used.</b>
<b>SHELF LIFE:</b>	3-4 years
<b>PACKAGING:</b>	1-Gallon cans
<b>SPECIFICATIONS:</b>	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
<b>APPLICATION:</b>	<ul style="list-style-type: none"><li>• Brushing: Use as received in can (stir often)</li><li>• Spraying: (low pressure type) Atomized air pressure 50 lbs.<ul style="list-style-type: none"><li>➤ Fluid pressure: 15-20 lbs.</li><li>➤ Orifice of tip: 80/1000ths</li><li>➤ Viscosity: Reduce in ratio of 8 parts to 1.5-part xylene or xylol.</li></ul></li><li>• Spraying: (airless type)<ul style="list-style-type: none"><li>➤ Pump: 30-1, Hose: 1/2" I.D. airless type</li><li>➤ Orifice of tip: 60o - 26/1000ths, Type of tip -Tungsten carbide, reversing</li><li>➤ Filter screens: Complete removal is recommended. If used, a 30 mesh is minimum.</li><li>➤ Viscosity: No reduction required</li><li>➤ 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.</li></ul></li></ul>

**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.

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