Brite Zinc Product Data Sheet

TYPE	Single pack, ready to apply, organic zinc compound with 70% zinc dust in the dry film.
FINISH	Reflective metallic sheen
USAGE	Zinc-rich top coat (or primer) for ferrous and non-ferrous surfaces
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
TEMPERATURE	Application: 45° F to 100° / Limits (once applied) – 45° F to 450° F
CONDUCTIVITY	73 mille ohms per square at 3 mils dry (resistivity)
DRY TIME	To touch, 15-30 minutes at 70 degrees F.
TOPCOATING	After 24-48 hours, depending on atmospheric conditions, may be topcoated with acrylic, enamel, silicones, latex or chlorinated rubber type products. Lacquers or alkyd type should not be used.
SHELF LIFE	Aerosol–12 months minimum / Gallon–5 years
PACKAGING	1-Gallon & 12.5 oz. Aerosol cans
SPECIFICATIONS	Meets requirements of DOD-P-21035A; ASTM-A780-00; ASTM B117 (1,000 hrs.), 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 Brite Zinc to 1 part xylene or xylol.*

- **Spraying:** (*airless type)*

Pump: *30-1, Hose: 1/2" I.D. airless type*
Orifice of tip: *60° - 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	On all areas to be repaired, by brush or spray, apply at least two coats, to achieve a 2.5 to 3.0 mils, dry film thickness. Where feasible, first coat should be applied within two hours of the damage to the galvanized surface, to pre vent oxidation of exposed areas. On areas damaged by welding, remove any weld spatter by wire brushing or equivalent, before use of Brite Zinc. Repair material should extend at least three inches beyond edges of damaged areas, to ensure continuity of galvanic action.

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