

Product Data Sheet

No. 17008 - 6/05

CROWN - GALVA BRIGHT PREMIUM

Aerosol and Bulk Liquid

AEROSOL VOC < 80%, CARB MIR ≤1.90

PRODUCT NUMBER: 7008 - 13-oz. net wt. aerosol

Product number plus letter designations as follows:

Q = 6 one-quart cans; G = 1 one-gallon can

I. GENERAL DESCRIPTION

Description: Crown Galva Bright Premium is a restorative coating fortified with zinc for preventing rust and corrosion on ferrous metal surfaces. Bright zinc coating will restore galvanized steel to the bright look of Hot Dip. Stops rust and oxidation on any iron or steel surface. Zinc rich formula provides long lasting protection. A fast-drying system propelled by a hydrocarbon blend (aerosol).

Benefits: Galva Bright contains 65% zinc in the dry film. See specifications for performance requirements met by this product. Product provides good durability and salt spray resistance without containing lead chromates, methylene chloride or fluorocarbons. Galvanic protection consistent with zinc content. Excellent hide and blending abilities.

Application: Cosmetic repair of welds, hand rails, rims, highway guard rails, metal chain fences, pipes, TV towers, refinery piping, heavy equipment, corrugated metal buildings, and anywhere the bright look of Hot Dipped surfaces is preferred. Ideal for industrial type application, (e.g., Aviation, Marine, Manufacturing, Petroleum).

Directions: Remove dirt, dust, oil, grease, old paint, heavy mill scale, loose rust particles and any other contaminants that could prevent proper adhesion. For best results, use at temperatures between 60° and 80°F (16° to 27°C). For **aerosol** application shake can for 30 seconds after rattle of agitator ball is heard, and intermittently during use. Apply from a distance of 10 to 12 inches from surface to be coated. This product is designed for use in a well-ventilated area. Spray light

coats with smooth sweeping motion to avoid runs and sags. Coat sets to touch in 10-15 minutes. One coat will be satisfactory. A second coat may be applied within 1 hour or after 24 hours, to maximize the protection. Prepare for storage by turning can upside down and spraying for two seconds to clear material from inside dip tube and nozzle. The preferred treatment is to apply a coating of 3-4 wet mil thickness in one application. For **bulk** application, stir contents thoroughly. Product may be applied full-strength without thinning or may be sprayed. Do not add thinner directly to contents. Pour contents into separate container and thin as desired. Use Mineral Spirits as recommended thinner. Coating sets to touch in 15-20 minutes. Invert stored cans occasionally to keep solids in suspension. Drying may be accelerated by applying heat or baking oven for aerosol and bulk products.

Limitations: Please refer to the Material Safety Data Sheets for specific information on material hazards, etc. Please check local air quality standards before using any bulk products.

Packaging:

Aerosol:	Cans (211 x 604)	13 oz. net wt.	(369 grams)	15.5 fl. oz.	(458 ml)
	Case - 12 cans/case	14 lbs.	(6.4 kg)	.47 CF	(.013 CM)
Liquid Bulk:	1 case of 6 quarts (mt. rd.)	16 lbs.	(7.3 kg)	.88 CF	(.024 CM)
	1 gallon (mt. rd.)	11 lbs.	(5 kg)	.31 CF	(.009 CM)



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II. CHARACTERISTICS AND PROPERTIES

Specifications: Meets ASTM B-117 salt spray and ASTM A 780. USDA accepted - Category 21. Aerosol meets performance requirements of CARB MIR.

Appearance:

Gloss at 60° <5

Class Metallic

Coverage:

	Aerosol	Bulk
Theoretical—at 1 mil dry	13 sq. ft./ can	408 sq. ft./gallon
Practical—at 1/2 mil dry	26 sq. ft./ can	816 sq. ft./gallon

Drying Schedule: (At 77°F [25°C], 50% Humidity at 1 mil, dry)

To touch 10-15 min. 30 min.

To handle 1 hr. 1 hr.

Full cure 24 hrs. 24 hrs.

To recoat Within 1 hr. or after 24 hrs.

Performance and Chemical Properties:

	Aerosol	Bulk
Weight per gallon	7.09	9.0
Specific gravity	0.85	1.07
Viscosity	Not applicable	50-60 KU
Flammability: Label marking	Extremely Flammable	Combustible
Flash point	<0°F (-18°C)	100°F (38°C)
Operating temperature range (optimal)	60° to 80°F (16° to 27°C)	60° to 80°F (16° to 27°C)
Percent solids by weight	21%	40%
Percent solids by volume	7%	25%
Percent pigment by volume	2%	4%
Volatile Organic Compound level	< 80%	637 g/L
CARB MIR	≤1.90	NA
Interior durability	Excellent	Excellent
Exterior durability	Excellent	Excellent
Temperature resistance (dried film)	400°F (204°C)	Discolor 350°F (152°C)
Color fastness	Excellent	Excellent
Adhesion	Excellent	Excellent
Salt spray corrosion	500 hrs.	500 hrs.
Mineral spirits resistance	Excellent	Very Good
Gasoline resistance	Poor	Poor
Motor oil resistance	Very Good	Good
Pencil hardness	HB	2B
Food contact rating	USDA accepted, see "Specifications"	

Base Materials:

Resin system Acrylic Epoxy Ester

Solvents (top two) Xylene, Acetone Petroleum Distillate

Propellant system Hydrocarbon Not applicable

III. SHIPPING, STORAGE AND HEALTH

	Aerosol	Bulk
IMDG number	1950	1263
D.O.T. container spec	2P	1A2, 4G, 3A1, 3A2,
D.O.T. shipping description	Consumer commodity	Paint related material
Warehouse storage level number	NFPA 30B Level 2	Flammable liquid I-C
Hazardous class (CFR-49)	ORM-D	Flammable liquid
Storage temperature	32° to 120°F (0° to 49°C)	32° to 120°F (0° to 49°C)
Shelf life	1 year	1 year
HMIS ratings		
Health	2	2
Fire	4	2
Reactivity	1	1

IV. MISCELLANEOUS

Contains no Ozone Depleting Substances (O.D.S.)

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V. WARRANTY

The statements made herein, on labels, product bulletins or by any of our employees or agents concerning this material are given for information only. Any liability whatsoever of Aervoe Industries to the user of the product, is limited to replacement of the product or purchase price.