

**RUST-OLEUM®**

# 7000 SYSTEM COLD GALVANIZING COMPOUND

## DESCRIPTION AND USES

A single package zinc rich coating. This coating contains 95% metallic zinc in the dry film to provide cathodic corrosion protection for iron and steel. Also excellent for the repair of worn or damaged galvanized steel. This product is not intended for use on rusted steel or previously coated surfaces.

## PRODUCTS

Quart	1-Gallon	Description
206194T	206193	Cold Galvanizing Compound

## PRODUCT APPLICATION

### SURFACE PREPARATION

**ALL SURFACES:** Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Pure Strength® Cleaner/Degreaser item #3599402, commercial detergent or other suitable cleaner. Mold and mildew must be cleaned with a chlorinated cleaner or bleach solution. Rinse with fresh water and allow to dry.

**STEEL:** Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove loose rust, mill scale, and deteriorated previous coatings. Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause adverse effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH-approved) and proper containment and cleanup. For additional information, contact the U.S.EPA/Lead Information Hotline at 1-800-424-LEAD.

## PRODUCT APPLICATION

### APPLICATION

Apply only when the air and surface temperatures are between 32-100°F (0-38°C) and the surface temperature is at least 5°F (3°C) above the dew point. Abrasive blast clean steel requires two coats of coating.

### EQUIPMENT RECOMMENDATIONS

**BRUSH:** For touch-up only. Use a good quality natural or polyester bristle brush.

**ROLLER:** Not recommended.

**AIR-ATOMIZED SPRAY:**

Method	Tip Size	Fluid Delivery	Atom. Pressure
Pres. Feed	0.055-0.070	16 oz./min.	25-60 psi

**AIRLESS SPRAY:**

Fluid Pressure	Tip Size	Filter Mesh
2100-2400 psi	0.019-0.021	60

### THINNING

**BRUSH:** Normally not required.

**AIR-ATOMIZED SPRAY:** 633402 Thinner: Normally not required. If needed, use up to 5% by volume.

**AIRLESS SPRAY:** 633402 Thinner: Normally not required. If needed, use up to 5% by volume.

### CLEAN UP

633402 Thinner or mineral spirits.

## PERFORMANCE CHARACTERISTICS

### CYCLIC PROHESION

Rating 1-10, 10=best

METHOD: ASTM D5894, 5 Cycles, 1680 hours

RESULT: 10 ASTM D714 for blistering

RESULT: 10 ASTM D1654 for corrosion

RESULT: 9 ASTM D610 for rusting

### CONICAL FLEXIBILITY

METHOD: ASTM D-522

RESULT: Pass >33%

Meets Federal Specification: DOD-P-21035A; Mil-P-26915C



**TECHNICAL DATA**

**7000 SYSTEM COLD GALVANIZING COMPOUND**

**PHYSICAL PROPERTIES**

		<b>FINISH COLORS</b>
<b>Resin Type</b>		Epoxy ester
<b>Pigment Type</b>		Metallic zinc
<b>Solvents</b>		Aliphatic hydrocarbons
<b>Weight*</b>	Per Gallon	28.3 lbs.
	Per Liter	3.4 kg.
<b>Solids*</b>	By Weight	89.5%
	By Volume	54.1%
<b>Volatile Organic Compounds</b>		<500 g.l. (4.2 lbs./gal.)
<b>Recommended Dry Film Thickness (DFT) Per Coat</b>		2.5-3.5 mils (62.5-87.5µ)
<b>Wet Film to Achieve DFT (unthinned material)</b>		3.5-4.5 mils (87.5-112.5µ)
<b>Theoretical Coverage at 1 mil DFT (25µ)</b>		1,280 sq. ft./gal. (7.6-10.8 m <sup>2</sup> /l.); based on wet to dry ratio
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		310-440 sq. ft./gal. (7.6-10.8 m <sup>2</sup> /l.); based on wet to dry ratio
<b>Dry Times at 70-80°F (21-27°C) and 50% rel. hum.</b>	<b>Tack-free</b>	½-1 hours
	<b>Handle</b>	1-2 hours
	<b>Recoat</b>	12 hours
<b>Dry Heat Resistance</b>		212°F (100°C)
<b>Shelf Life</b>		5 years
<b>Safety Information</b>	<b>Flash Point</b>	104°F (40°C)
	<b>Contains</b>	Lead-free
	<b>Warning!</b>	<b>COMBUSTIBLE LIQUID AND VAPOR. HARMFUL IF INHALED. MAY AFFECT BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.</b>

Calculated values are shown and may vary slightly from the actual manufactured material.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



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