



**RUST-OLEUM® CV740 SYSTEM
 RUST PREVENTATIVE ENAMEL**

DESCRIPTION AND USES

The CV740 System Rust Preventive Enamels are designed for indoor and outdoor steel surfaces in mild to moderate environments. The CV740 System has excellent resistance to general weathering, salt air, mild chemical fumes and light abrasion. Not for use on galvanized steel.

If desired, the CV740 System Rust Preventive Enamels can be applied direct-to-metal (DTM), however optimal corrosion protection is achieved when the finish coat is used in conjunction with one of the recommended primers.

This product complies with USDA FSIS regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized.

MPI #9, #48, #96 Certified. Refer to the MPI website for the most current listing of MPI certified products

PRODUCTS

PRIMERS

SKU	DESCRIPTION (1-Gallon)
255617	White Primer
255610	Red Primer

FLAT FINISHES

SKU	DESCRIPTION (1-Gallon)
255609	Flat Black

HIGH GLOSS FINISHES

SKU	DESCRIPTION (1-Gallon)
255611	Black
261959	Safety Blue
255616	Safety Yellow
255615	Safety Red
255613	Navy Gray
255612	Forest Green
255614	White
261956	Silver Gray
261957	Dunes Tan

TINT BASES (HIGH GLOSS FINISHES)

1-Gallon	5-Gallon	DESCRIPTION
255621	----	Red
255620	----	Yellow
255618	286906	Masstone
255619	286908	Pastel
261961	286909	Deep

PRODUCTS (cont.)

SATIN FINISHES

1-Gallon	5-Gallon	DESCRIPTION
282727	282737	Red
282728	282739	Yellow
282729	282740	Masstone
282730	282740	Pastel
282732	282741	Deep

SATIN FINISHES TINT BASES

1-Gallon	5-Gallon	DESCRIPTION
282733	282742	Red
282734	282743	Yellow
282736	282744	Masstone

PRODUCTS APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Krud Kutter® Original Cleaner Degreaser, commercial detergent or other suitable cleaner. Rinse thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application.

STEEL: Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove all loose rust, mill scale, and deteriorated previous coatings. If abrasive blasting cleaning is used, then two coats of recommended primer are required.

PREVIOUSLY COATED: Previously coated surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding to create a surface profile. The 7400 System Enamels are compatible with most coatings, but a test patch is suggested.

APPLICATION

Apply only when air and surface temperatures are between 32-100°F (0-38°C) and surface temperature is at least 5°F (3°C) above the dew point.



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PRODUCTS APPLICATION (cont.)

EQUIPMENT RECOMMENDATIONS

BRUSH: Use a good quality natural or polyester bristle brush.
ROLLER: Use a good quality natural or polyester cover. Use a short nap roller for smooth surfaces, and a medium nap roller for rough surfaces.

AIR-ATOMIZED SPRAY

Method	Fluid Tip	Fluid Delivery	Atomized Pressure
Pressure	0.055-0.070	16 oz./min.	25-60 psi
Siphon	0.055-0.070	--	25-60 psi
HVLP (var.)	0.043-0.070	8-14 oz./min.	60-90 psi*

*10 psi max at tip

AIRLESS SPRAY (High Gloss)

Pump Ratio	Fluid Pressure	Fluid Tip	Filter Mesh
30:1	1,600-2,400 psi	0.013-0.017	100

AIRLESS SPRAY (All others)

Pump Ratio	Fluid Pressure	Fluid Tip	Filter Mesh
30:1	1,600-2,400 psi	0.013-0.019	60


CAUTION: Protect surrounding surfaces from over spray. Over spray can be wet or dry depending on height of work, weather, environmental conditions and application equipment. Wet over spray can adhere to unwanted surfaces. Dry over spray may be removed by wiping or washing. Always clean dry over spray from hot surfaces before fusing occurs as surface temperatures can be higher than the air temperature.

THINNING

BRUSH/ROLLER: Normally not required.
AIR-ATOMIZED SPRAY: 333402 Thinner: Use up to 15% by volume.
AIRLESS SPRAY: 333402 Thinner: Normally not required. If needed use up to 5% by volume.

CLEAN-UP

333402 Thinner or Acetone.

ALKYD	TECHNICAL DATA	CM-02
	RUST-OLEUM® CV740 SYSTEM RUST PREVENTATIVE ENAMEL	

PHYSICAL PROPERTIES

		GLOSS FINISHES	SATIN FINISHES	PRIMERS
Resin Type		Modified Alkyd		
Pigment Type		Varies with color		Titanium Dioxide, Red Iron Oxide
Solvents		Exempt halogenated and hydrocarbon solvents		
Weight	Per Gallon	9.0-10.4 lbs.	11.0-12.3 lbs.	12.1-12.2 lbs.
	Per Liter	1.1-1.2 kg	1.3-1.5 kg	1.5 kg
Solids	By Weight	46.0-54.8%	52.6-58.0%	59.5-62.0%
	By Volume	46.6-48.0%	43.9-48.6%	44.0-48.0%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)	<100 g/l (0.83 lbs./gal.)	<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.5-2.5 mils (37.5-62.5µ)	1.5-2.5 mils (37.5-62.5µ)	1-2 mils (25-50µ)
Wet Film to Achieve DFT (Unthinned material)		3.5-5.5 mils (87.5-137.5µ)	3.5-5.5 mils (87.5-137.5µ)	2-4 mils (50-100µ)
Theoretical Coverage at 1 mil DFT (25µ)		750-770 sq. ft./gal. (18.5-18.9 m ² /l)	700-780 sq. ft./gal. (17.2-19.2m ² /l)	705-770 sq. ft./gal. (17.3-18.9 m ² /l)
Practical Coverage at Recommended DFT (assume 15% material loss)		255-435 sq. ft./gal. (6.3-10.7 m ² /l)	240-440 sq. ft./gal. (5.9-10.8 m ² /l)	300-650 sq. ft./gal. (7.4-16.0 m ² /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Tack-free	4-6 hours	4-6 hours	4-6 hours
	Handle	8-12 hours	8-12 hours	8-12 hours
	Recoat	24 hours	24 hours	24 hours
Dry Heat Resistance		200°F (93°C)	200°F (93°C)	200°F (93°C)
Shelf Life		5 years	5 years	5 years
Safety Information		See SDS		

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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