



**1500 SYSTEM  
SPEEDY-DRY ALKYD ENAMEL**

**DESCRIPTION**

Rust-Oleum® Speedy Dry Enamels are fast-dry, modified short-oil alkyds used for vehicle refinishing and OEM applications. They are designed to meet the VOC limit of 600 g/l set by the Automotive Refinishing Rule. They are ideal for the refinishing of mobile equipment when minimum downtime is required. Not for use on galvanized steel.

Speedy-Dry Enamels comply with USDA FSIS regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized.

**PRODUCTS**

**FINISHES**

1-Gallon	5-Gallon	Description
1547402	1547300	New Caterpillar Yellow
1565402	—	International Red
1545402	—	Safety Yellow
1586402	—	Navy Gray
1584402	1584300	Silver Gray
1579402	1579300	Jet Black
1590402	1590300	White
1510402	—	Chrome

**TINT BASES**

1-Gallon	5-Gallon	Description
1505408	1505388	Red Base
1506408	1506388	Yellow Base
1507408	1507388	Masstone Base
1508411	1508391	Deep Base
1509418	1509394	Light Base

**COMPANION PRODUCTS**

**RECOMMENDED PRIMER**

1-Gallon	5-Gallon	Description
1573402	1573300	Rust-Inhibitive Primer (550 g/l)

**COMPATIBLE PRIMERS**

1-Gallon	5-Gallon	Description
2083402	2083300	Gray Primer (500 g/l)
HS1573402	HS1573300	Low VOC, High Solids, Rust-Inhibitive Primer (420 g/l)

**PRODUCT APPLICATION**

**SURFACE PREPARATION**

**ALL SURFACES:** If excessive time has elapsed since the primer was applied, 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 thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application.

**STEEL:** Apply to a properly primed or previously painted surface. See primer labels and technical data sheet for correct surface preparation and application procedures.

**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 Rust-Oleum Speedy-Dry Enamel is compatible with most coatings, but a test patch is suggested.

**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.

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

**AIR-ATOMIZED SPRAY:**

Method	Fluid Tip	Fluid Delivery	Atomizing Pressure
Pressure	0.055-0.070	10-16 oz./min.	25-60 psi
Siphon	0.055-0.070	—	25-60 psi
HVLP (var.)	0.043-0.070	10-12 oz./min.	10 psi (at tip)

**AIRLESS SPRAY:**

Fluid Pressure	Fluid Tip	Filter Mesh
1600–2400 psi	0.013-0.017	100

**THINNING**

**BRUSH (touch up only):** 150 Thinner. 5-10% by volume.

**AIR-ATOMIZED SPRAY:** 150 Thinner. Up to 10% by volume, if needed.

**AIRLESS SPRAY:** 150 Thinner. Normally not required. Use 5-10% if needed.

**CLEAN-UP**

150 Thinner.

**1500 SYSTEM SPEEDY-DRY ALKYD ENAMEL****PERFORMANCE CHARACTERISTICS****SYSTEM TESTED**

Primer: N/A

Topcoat: Rust-Oleum Speedy-Dry Enamel

**PENCIL HARDNESS**

METHOD: ASTM D3363

RESULT: B

**CONICAL FLEXIBILITY**

METHOD: ASTM D522

RESULT: >33%

**CYCLIC PROHESION**

Rating 1-10, 10=best

Method: ASTM D5894, 3 cycles, 1008 hours

Result: 10 per ASTM D714 for blistering

Result: 8 per ASTM D610 for rusting

**TABER ABRASION**

METHOD: ASTM D4060, CS-17 Wheels, 500 gram load,  
1000 cycles

RESULT: 79.9 mg loss

**GLOSS (60°)**

METHOD: ASTM D4587

RESULT: 96% (color-white)

**ACCELERATED WEATHERING (% Gloss retention)**

METHOD: ASTM D4587, QUV Type A bulb, 450 hours

RESULT: 96% (color-white)

See the Rust-Oleum Industrial Brands Catalog (Form #275585) for chemical and corrosion resistance.



## TECHNICAL DATA

# 1500 SYSTEM SPEEDY-DRY ALKYD ENAMEL

### PHYSICAL PROPERTIES

		STANDARD COLORS	TINT BASES
Resin Type		Modified Short-Oil Alkyd	Modified Short-Oil Alkyd
Pigment Type		Varies by color	Varies by color
Solvents		Aliphatic Hydrocarbons and Xylene	Aliphatic Hydrocarbons and Xylene
Weight	Per Gallon	7.9-9.8 lbs.	8.1-9.1 lbs.
	Per Liter	0.9-1.2 kg	1.0-1.1 kg
Solids	By Weight	39-52%	41-50%
	By Volume	32-38%	34-36%
Volatile Organic Compounds		<600 g/l (5.0 lbs./gal.)	<600 g/l (5.0 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.0-2.0 mils (25.0-50.0µ)	1.0-2.0 mils (25.0-50.0µ)
Wet Film to Achieve DFT		3.0-6.0 mils unthinned material (75.0-150µ)	2.5-6.0 mils unthinned material (62.5-150µ)
Theoretical Coverage at 1 mil DFT (25µ)		515-610 sq. ft./gal. (12.7-15.0 m <sup>2</sup> /l)	545-575 sq. ft./gal. (13.4-14.1 m <sup>2</sup> /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		220-520 sq. ft./gal. (5.4-12.8 m <sup>2</sup> /l)	225-500 sq. ft./gal. (5.5-12.3 m <sup>2</sup> /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Tack-free	1-2 hours	1-2 hours
	Handle	2-4 hours	2-4 hours
Force Cure		10 minutes at 250°F (dry to handle after cooling)	10 minutes at 250°F (dry to handle after cooling)
Dry Heat Resistance		212°F (100°C)	212°F (100°C)
Shelf Life		5 years	5 years
Safety Information		<b>FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. REFER TO SAFETY DATA SHEET (SDS) FOR ADDITIONAL INFORMATION.</b>	

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

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