

Product Data Sheet

No. 1300 - 02/17

RUST PROOF ANY-WAY SPRAY PAINT

VOC/CARB MIR: FLAT <60% / ≤0.8; NON-FLAT <65% / ≤0.95; METALLIC 80% / ≤1.25

PRODUCT NUMBERS:

157 - J.D. GREEN	302 - SAFETY YELLOW*	308 - BRITE RED	314 - BROWN	342 - SEMI FLAT BLACK
167 - CAT. YELLOW (OLD)	303 - SAFETY BLUE*	309 - ALUMINUM	317 - TAN	344 - SATIN BLACK
168 - CAT YELLOW (NEW)	304 - SAFETY GREEN*	310 - SILVER †	318 - LIGHT BLUE	348 - METER GREEN
178 - SCHOOL BUS YELLOW	305 - SAFETY ORANGE*	311 - GOLD	319 - ROYAL BLUE	349 - METER GRAY (ANSI-49)**
300 - SAFETY PURPLE*	306 - SAFETY BLACK	312 - FLAT BLACK	320 - FOREST GREEN	361 - LIGHT GRAY (ANSI-61)
301 - SAFETY RED*	307 - SAFETY WHITE*	313 - FLAT WHITE	333 - DARK GRAY (ANSI-33)	

* OSHA Safety Colors

† Not Available in Quarts

Rust Proof Any-Way Enamel equals product number plus Q = 4 one-quart cans

I. GENERAL DESCRIPTION

Description: Aervoe Rust Proof Any-Way is a high quality industrial maintenance enamel coating formulated for mild to moderate interior/exterior industrial exposures. This product offers lasting protection against corrosion, light abrasion, weathering and mild chemical fumes. Aerosol is designed to spray in any direction. Adheres to any surface.

Benefits: This high quality industrial coating is VOC and MIR compliant and provides good resistance to moderate environments including rain, fog, moisture. Excellent temperature resistance to 200°F; 200° to 300°F (93° to 149°C) slightly darkening. Excellent high gloss appearance, high-hide coverage (with or without primer) that provides corrosion protection especially on metal surfaces. Can be applied to any surface including plastic and over sound rusted areas; loose flakes, dirt, grease, oils, other surface contaminants or particles should be removed first with a wire brush and chemical cleaning. The aerosol's Spray-Any-Way valve allows application in any direction, including upside down.

Applications: Ideal for equipment maintenance and O.E.M. production. Exceeds many performance standards of nationally recognized brands. Use on metal, wood, plastic, and other common surfaces including nonporous plaster. Excellent for use on motors, tools, cabinets, pipelines, drums, conduit, ducts, furniture, steel bars, railings, tool boxes and electrical equipment.

Directions: For best results, surface must be clean, dry and free of grease, rust, scale and any other loose particles that could affect film adhesion. Surface Preparation - **Bare Metal:** Clean surface with Aervoe # 399 or 400 Cleaner/Degreaser or other suitable cleaner. Allow to dry before application. **Previously Coated:** Apply to properly primed or previously coated surfaces (scuff glossy surfaces, then clean). If an immoderate time has passed since coating was applied, then remove all dust, dirt,

greased, or chemical contaminants by washing surface with Aervoe #399 Cleaner/Degreaser, a commercial detergent, or other suitable cleaner. Rinse thoroughly with water and allow to dry before application.

A primer is not usually needed for most surfaces; however, it is recommended over bare metal, crevices and seams to achieve the best results. **Aerosol:** Shake well for 1 minute after rattle of agitator ball is heard. Hold can 6 to 8 inches from surface. Two light coats are better than one heavy coat. **Bulk:** Stir thoroughly and apply by brush, roller or spray. **Thinning:** Generally not required for brush or roller application. For HVLP or conventional spraying equipment, thin 15% to 25% with acetone or non-VOC thinner. Check local VOC regulations / air quality standards prior to thinning as the use of thinners may increase the VOC content. **Recoating:** To avoid lifting or wrinkling of the first coat, the second coat must be applied within the time specified as the recoat window or after full cure. This is shown in Section II under Dry Schedule as "To recoat" and "Full cure." If the recoat window has passed, the next coat must be applied after full cure has been achieved. The aerosol system is compatible with the bulk system so you may apply the aerosol as the second coat over the bulk, providing the application follows the recoat window for the bulk product.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. Check all plastic surfaces for adhesion and compatibility before use. Not recommended for water immersion services.

Packaging:

Aerosol:	Cans (16 oz.)	All colors except #310 Silver - 12 oz. net wt. (340 g)	15.2 fl. oz. (449 ml)
		#310 Silver - 11 oz. net wt. (312 g)	13.6 fl. oz. (402 ml)
	Case (6/case):	6 lbs. (2.72 kg)	0.44 CF (0.012 CM)
Bulk:	4-quart cans:	12 lbs. (5.44 kg)	0.29 CF (0.008 CM)

II. CHARACTERISTICS & PROPERTIES (Average for all colors)

Specifications:

None

Appearance:

	Aerosol	Silver Aerosol	Bulk
Gloss at 60°	Flat <5 / Gloss >90	>90	Flat <5 / Gloss >85
Class	Flat, Gloss, Metallic	Metallic	Flat, Gloss, Metallic

Coverage:

Theoretical (at 1 mil dry)	22 sq. ft./can	20 sq. ft./can	900 sq. ft./gal
Practical (at 2 mil dry)	11 sq. ft./can	10 sq. ft./can	450 sq. ft./gal

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

To touch	15 min.	15 min.	2 to 4 hrs.
To handle	30 min.	30 min.	8 to 9 hrs.
Full cure	72 hrs.	72 hrs.	72 hrs.
To recoat (aerosol)	Before 1 hr. or after 72 hours to avoid lifting		
To recoat (bulk)	Before 8 hrs. or after 24 hrs. to avoid lifting		

Performance and Chemical Properties:

Weight per gallon	6.13 lbs.	5.5 lbs.	8.72 lbs.
Specific gravity	0.74	0.66	1.05
Viscosity	Not Applicable	Not Applicable	85-100 ku
Flammability: Label marking	Extremely Flammable	Extremely Flammable	Flammable
Flash point	<0° F (-18° C)	<0° F (-18° C)	<25°F (-3°C)
Operating temperature range	40° to 100°F (4° to 38°C)	40° to 100°F (4° to 38°C)	40° to 100°F (4° to 38°C)
Percent solids by weight	See attached	See attached	See attached
Percent solids by volume	See attached	See attached	See attached
Percent pigment by volume	1.4%	0.78%	9.7% (average)
Volatile Organic Compound level (flat, non-flat, metallic)	<60%, <65%, <80%		
CARB MIR (aerosol)	≤0.8 (flat), ≤0.95 (non-flat), ≤ 1.25 (metallic)		
CARB MIR (bulk)	Not Regulated		
Interior durability	Excellent	Good	Excellent
Exterior durability	Excellent	Fair	Excellent
Temperature resistance (aerosol)	Excellent to 200°F; 200° to 300°F (93° to 149°C) slight darkening		
Temperature resistance (bulk)	Excellent to 200°F		
Color fastness	Excellent	Excellent	Very Good
Adhesion	Good	Fair	Excellent
Salt spray corrosion	>200 hrs. direct to metal	>200 hrs. direct to metal	>300 hrs direct to metal
Mineral spirits resistance	Good	Poor	Good
Gasoline resistance	Poor	Poor	Good
Motor oil resistance	Good	Poor	Good
Pencil hardness	H	<2B	F

Base Materials

Resin system	Acrylic Alkyd	Isoprene	Acrylic Alkyd
Solvents (top two)	Acetone, VM&P Naphtha	VM&P Naphtha, Heptane	Acetone, Mineral Spirits
Propellant System	Hydrocarbon	Hydrocarbon	Not applicable

III. SHIPPING, STORAGE AND HEALTH

	Aerosol	Bulk
UN number	UN1950	UN1263
Proper Shipping Description	Aerosols	Paint
Hazard Class	2.1	3
Packing Group	N/A	II
Limited Quantity	Yes	Container size determines applicability
Warehouse storage level number	3	N/A
Storage temperature	32° to 120°F (0° to 49°C)	32° to 120°F (0° to 49°C)
Shelf life	1 to 2 years	2 to 5 years
HMIS ratings		
Health	1	2
Fire	4	3
Reactivity	1	1

IV. MISCELLANEOUS

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

V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aervoe representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase.

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RUST PROOF ANY-WAY SPRAY PAINT (AEROSOL)

PRODUCTS	% SOLIDS BY WEIGHT	% SOLIDS BY VOLUME	MIR & % VOCs
157 J.D. Green	17.8	12.7	<0.95, 65% Non-Flat
167 Cat. Yellow (old)	18.4	12.9	<0.95, 65% Non-Flat
168 Cat. Yellow (new)	18.8	12.5	<0.95, 65% Non-Flat
178 School Bus Yellow	21.6	13.0	<0.95, 65% Non-Flat
300 Safety Purple	17.5	12.6	<0.95, 65% Non-Flat
301 Safety Red	15.3	11.2	<0.95, 65% Non-Flat
302 Safety Yellow	17.6	12.7	<0.95, 65% Non-Flat
303 Safety Blue	16.3	12.0	<0.95, 65% Non-Flat
304 Safety Green	17.1	12.2	<0.95, 65% Non-Flat
305 Safety Orange	19.0	12.5	<0.95, 65% Non-Flat
306 Safety Black	15.7	11.4	<0.95, 65% Non-Flat
307 Safety White	19.8	11.0	<0.95, 65% Non-Flat
308 Brite Red	15.2	11.1	<0.95, 65% Non-Flat
309 Aluminum	17.3	11.1	<1.25, 80% Metallic
310 Silver	19.6	9.9	<1.25, 80% Metallic
311 Gold	15.5	8.3	<1.25, 80% Metallic
312 Flat Black	21.2	11.1	<0.80, 60% Flat
313 Flat White	20.7	9.7	<0.80, 60% Flat
314 Brown	16.8	12.1	<0.95, 65% Non-Flat
317 Tan	19.1	13.3	<0.95, 65% Non-Flat
318 Light Blue	19.1	11.2	<0.95, 65% Non-Flat
319 Royal Blue	16.9	11.3	<0.95, 65% Non-Flat
320 Forest Green	16.3	12.1	<0.95, 65% Non-Flat
333 Dark Gray	18.1	12.7	<0.95, 65% Non-Flat
342 Semi Flat Black	18.1	11.1	<0.95, 65% Non-Flat
344 Satin Black	17.5	11.0	<0.95, 65% Non-Flat
348 Meter Green	19.8	11.1	<0.95, 65% Non-Flat
349 Meter Gray	16.9	11.9	<0.95, 65% Non-Flat
361 Light Gray	17.9	11.1	<0.95, 65% Non-Flat

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, Inc. to the user of the product, is limited to replacement of the product or purchase price refunded.

RUST PROOF ANY-WAY ENAMEL (NON-AEROSOL)

PRODUCTS	% SOLIDS BY WEIGHT	% SOLIDS BY VOLUME	Coating VOCs
157 J.D. Green	61	57	356 g/L
167 Cat. Yellow (old)	62	58	348 g/L
168 Cat. Yellow (new)	62	56	354 g/L
178 School Bus Yellow	62	58	343 g/L
300 Safety Purple	63	58	330 g/L
301 Safety Red	61	56	334 g/L
302 Safety Yellow	63	56	328 g/L
303 Safety Blue	61	57	339 g/L
304 Safety Green	62	58	340 g/L
305 Safety Orange	61	56	333 g/L
306 Safety Black	61	52	338 g/L
307 Safety White	67	54	335 g/L
308 Brite Red	61	52	338 g/L
309 Aluminum	60	52	350 g/L
311 Gold	60	66	352 g/L
312 Flat Black	73	62	280 g/L
313 Flat White	73	51	290 g/L
314 Brown	61	57	340 g/L
317 Tan	64	61	340 g/L
318 Light Blue	67	57	337 g/L
319 Royal Blue	62	57	327 g/L
320 Forest Green	62	57	333 g/L
333 Dark Gray	61	52	326 g/L
342 Semi Flat Black	75	58	250 g/L
344 Satin Black	72	60	250 g/L
348 Meter Green	63	59	333 g/L
349 Meter Gray	65	57	332 g/L
361 Light Gray	66	54	340 g/L

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SURFACE PREPARATION, APPLICATION, AND EQUIPMENT RECOMMENDATION

1300 Rust Proof Any-Way Enamel (VOC < 340 g/L) - 02/17

SURFACE PREPARATION

Bare Metal Remove all dust, dirt, grease, or chemical contaminants by washing surface with Aervoe #399 or 400 Cleaner/Degreaser, or other suitable cleaner. Allow to dry before application.

Previously Coated Apply to properly primed or previously coated surfaces (scuff glossy surfaces then clean). If immoderate period of time has past since coating was applied, then remove all dust, dirt, grease, or chemical contaminants by washing surface with Aervoe #399 Cleaner/Degreaser, a commercial detergent, or other suitable cleaner. Rinse thoroughly with water and allow to dry before application.

APPLICATION

For best results apply when air and surface temperatures are between 50° & 90° F (10° & 32° C), and the surface is at least 5°F above the dew point.

THINNING

Brush/Roller Thinning is generally not required but if needed use 5% - 15% acetone (approx. 1/2 pint per gallon).

Air-Atomized Spray Use up to 15% - 25% Acetone (approx. 1/2 pint per gallon)

Airless Spray Use up to 15% - 25% Acetone (approx. 1/2 pint per gallon)

Cleanup Acetone

EQUIPMENT

Brush Use a good quality natural or synthetic bristle brush.

Roller Use a good quality natural or synthetic cover. Use a short nap for smooth surfaces and a medium nap for rough surfaces.

AIR-ATOMIZED SPRAY	Fluid x Air Nozzles	Nozzle Type				Max Pattern	Fluid Needle			
			30 psi	50 psi	70 psi					
Pressure	65SSx63PK	PE	11.0	16.5	22.0	15.0"	765			
	63CSSx200	PI	3.1	5.2	6.4	12.0"	763A			
SIPHON	Fluid Nozzle	Air Nozzle	Needle Valve	Max Pattern	CRM			Fluid Flow*		
					20	30	40	20	30	40
	66SS	66SD	865	12"@40psi	7.5	10.0	12.0	205	244	275
HVLP	Fluid Tip	Fluid Delivery	Atomizing Pressure							
	.043 - .070	8 - 14 oz. (min.)	60 - 90 psi (10 psi max at tip)							
AIRLESS SPRAYER	Pump Ratio	Fluid Tip	Fluid Pressure	Filter Mesh						
	High Gloss 30:1	.013 - .017	1600-2000 psi	100						
	Semi-Gloss 30:1	.013 - .017	1600-2400 psi	100						
	Flat 30:1	.013 - .019	1600-2400 psi	60						
	Metallic 30:1	.013 - .017	1600-2400 psi	60						

* Fluid flow in cc/minute