

# Product Data Sheet

No. 11074 - 03/13

## MILITARY DIGITAL PATTERN CAMO PAINT, KITS, & STENCILS

VOC <60% / MIR <1.20

12 OZ. NET WEIGHT AEROSOL

### PAINT COLORS

1074 - GREEN (474)	1079 - LIGHT TAN (479)
1075 - KHAKI (475)	1080 - HIGHLAND (480)
1076 - COYOTE (476/498)	1081 - LIGHT COYOTE (481)
1077 - BLACK (477)	1082 - DESERT SAND (500/503)
1078 - URBAN TAN (478)	1084 - FOLIAGE GREEN (502/504)

### STENCIL

903 - DIGITAL STENCIL KIT

### I. GENERAL DESCRIPTION

**Description:** Formulated for exceptional hide, coverage, and anti-corrosion protection in a flat, non-reflective finish. Colors meet U.S. Military designated field color standards for digital camouflage: ACU (Army Combat Uniform) and MARPAT (Marine Corp. Pattern) in woodland and desert color combinations (designated 3-digit code 474 through 505). An excellent paint for use on weapons and equipment used in hunting, fishing, civilian training games, etc. A stencil is available to create a digital pattern.

**Benefits:** Utilizes better pigments, solids and resins than most other brands and dries to a tough, permanent, hard finish that will withstand harsh environments and abrasion. May be used as a topcoat to match the ACU and MARPAT camouflage color schemes. If blended in these color combinations it will create a true camouflage effect that tricks the eye with a break-up and contrast design.

**Application:** May be used as a topcoat on metal, wood, fabric, and some non-porous plastics (check for adhesion compatibility first). Ideal for military and civilian weapons, vehicles, equipment, tools, outdoor sporting goods and recreational gear.

**Directions:** In most cases a primer is not required but could provide additional adhesion and coverage benefit for the topcoat. All surfaces must be clean of all contaminants and dry for best adhesion. Sand if needed and mask areas that are not to be painted. Shake can well for 1 minute after the agitator ball inside can is heard; and intermittently during use. Align spray head with mark on valve rim to ensure complete evacuation of contents. For best results, use at temperatures between 60° and 90°F (16° and 32°C). Hold can 8 to 12" away from surface to be painted and spray using steady, even strokes making sure to keep the spray can moving to avoid drips and buildup. Two lighter coats are better than one heavy coat. Let dry to touch. Additional coats may be applied within the dry and recoat window of 1-hour or after 72 hours if needed. To prepare can for storage and prevent clogging, invert the can and spray for 2-3 seconds to clear paint from the spray head.

**Limitations:** Refer to Safety Data Sheet for specific information on material hazards available on our website, [www.aervoe.com](http://www.aervoe.com). Use only in a well ventilated area. Never use around spark, open flame or other sources of ignition to avoid fire or explosion. Use appropriate personal protection equipment such as breathing masks. Follow all precautions listed on product label.

#### Packaging:

Aerosol:	Cans (211x604)	12 oz. net wt. (340 g)	14.7 fl. oz. (435 ml)
	Case (6/case)	7 lbs. (3.18 kg)	0.44 CF (0.012 CM)
Stencil:	Case (3/case)	3 lbs. (1.4 kg)	

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## II. CHARACTERISTICS & PROPERTIES (Average for all colors)

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### Specifications:

Complies with CARB MIR requirements. Formulated to match Federal Specification 595C color standard.

### Appearance:

Gloss at 60° .....5  
Class ..... Flat

### Coverage:

Theoretical—at 1 mil dry .....21 sq. ft./can  
Practical—at 1/2 mil dry .....42 sq. ft./can

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

To touch ..... 15 min.  
To handle ..... 60 min.  
Full cure ..... 72 hrs.  
To recoat ..... Recoat window before 1 hour, or after 72 hours

### Performance and Chemical Properties:

Weight per gallon ..... 6.35 lbs.  
Specific gravity ..... 0.7  
Viscosity ..... Not applicable  
Flammability: Label marking ..... Extremely flammable  
Flash point ..... <0°F (-18°C)  
Operating temperature range ..... 60° to 90°F (16° to 32°C)  
Percent solids by weight ..... 21%  
Percent solids by volume ..... 10%  
Percent pigment by volume ..... 3%  
Volatile Organic Compound level (Flat) ..... <60%  
CARB MIR (Flat) ..... ≤ 1.20  
Interior durability ..... Excellent  
Exterior durability ..... Excellent  
Temperature resistance ..... 300°F (149°C)  
Color fastness ..... Excellent  
Adhesion ..... Excellent  
Salt spray corrosion ..... 400 hrs.  
Mineral spirits resistance ..... Excellent  
Gasoline resistance ..... Excellent  
Motor oil resistance ..... Excellent  
Pencil hardness ..... HB

### Base Materials

Resin system ..... Uralkyd  
Solvents (top two) ..... Acetone, N-butyl Acetate  
Propellant system ..... Hydrocarbon

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## III. SHIPPING, STORAGE AND HEALTH

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UN number ..... UN1950  
Proper Shipping Description ..... Aerosols  
Hazard Class ..... 2.1  
Packing Group ..... N/A  
Limited Quantity ..... Yes  
Warehouse storage level number ..... NFPA 30B Level 1  
Storage temperature ..... 32° to 120°F (0° to 49°C)  
Shelf life ..... 1 to 2 years

### HMIS ratings

Health ..... 2  
Fire ..... 3  
Reactivity ..... 0

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## IV. MISCELLANEOUS

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

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## V. WARRANTY

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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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## VI. STENCIL INFORMATION

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### DIGITAL STENCILS

We offer two different types of stencils so you can match the project with the appropriate stencil. Peel 'n stick stencils will create a very sharp line and work best on odd shaped items. Mylar® stencils are very durable and work best on larger items. The Digital Stencil Kit may be ordered separately.

#### **903 - Digital Stencil Kit**

1 - 12" x 92" peel 'n stick stencil

1 - 12" x 20" Mylar® stencil

For additional information please see our website [www.aervoe.com](http://www.aervoe.com).