



American AK 13663 Enamel

PRODUCT DATA SHEET

SELECTION & SPECIFICATION DATA

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| Generic Type | A high gloss, high performance, alkyd finish coat with excellent gloss |
| Description | Formulated for excellent initial gloss properties and excellent adhesion. |
| Features | <ul style="list-style-type: none"> • Lead free formulation • Economical maintenance Finish • Excellent adhesion and flexibility • Excellent gloss • Good recoatability • Ease of application |
| Color | Red (7554) Other colors available upon request |
| Finish | High Gloss |
| Dry Film Thickness | 1.5 - 2 mils (38 - 51 microns) single coat |
| Typical Uses | Economical coatings for mild environments. These finishes can be applied over many different primers. Never apply directly over inorganic zinc, concrete, galvanize, or aluminum. |
| Solids Content | By Volume 58% +/- 2% |
| Theoretical Coverage Rate | 930 ft ² /gal at 1.0 mils (22.8 m ² /l at 25 microns) 620 ft ² /gal at 1.5 mils (15.2 m ² /l at 38 microns) 465 ft ² /gal at 2.0 mils (11.4 m ² /l at 50 microns) Allow for loss in mixing and application. |

SUBSTRATES & SURFACE PREPARATION

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| General | Can be applied over steel and wood. Surfaces should be free of oil, grease or other contaminants. Can be applied over American AK and WP primers. |
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MIXING & THINNING

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| Mixing | Thoroughly mix with a mechanical agitator before use to thoroughly dispense pigments and solvents. |
| Thinning | If needed, thin 5%-10% with Thinner 10 or Thinner 229. |

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

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| General | Brush, Roll or Spray Clean all equipment immediately with Thinner 10 or TH850 lacquer thinner. |
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APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

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|---------------------------|---|
| Conventional Spray | Air Supply (in): 100 psi Material Hose (ID): 1/2" (1.27 cm) Material Hose Length: 50' (15.2 m) Air Hose (ID): 5/16" (0.8 cm) Fluid Pressure (psi): 10-25 Atomization Pressure: 60-65 psi Fluid Tip Orifice Size: 0.070" (1.8 mm) |
| Airless Spray | Pump Ratio: 33:1 Air Supply (in): 75 psi Hose Diameter (ID): 3/8" (0.95 cm) Hose Length: 100' (30.5 m) Tip Size: 0.017-0.021" (0.43-0.53 mm) Atomization Pressure: 2,150 psi |

APPLICATION CONDITIONS

| Condition | Ambient | Humidity |
|-----------|--------------|----------|
| Maximum | 120°F (49°C) | 85% |

Do not apply below freezing temperatures.

CURING SCHEDULE

| Surface Temp. | Dry to Touch | Dry to Topcoat |
|---------------|--------------|----------------|
| 77°F (25°C) | 40 Minutes | 3.5 Hours |

CLEANUP & SAFETY

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| Safety | Keep away from sparks or flame. Vapors may cause flash fire. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator during applications unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. NOTICE: Reports have been associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling content may be harmful or fatal. Follow all precautions. See product MSDS for more detailed information. FOR PROFESSIONAL USE ONLY! WARNING! FLAMMABLE. HARMFUL IF INHALED. CAUSES IRRITATION. |
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PACKAGING, HANDLING & STORAGE

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| Packaging | Hazard Class: Flammable Liquid UN No.: 1263 |
| Shipping Weight (Approximate) | One Gallon: 8 lbs (3 kg) |
| Flash Point (Setaflash) | 70°F (21°C) |



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WARRANTY

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