



# MODIFIED ALKYD ENAMEL

## K-42 Series

Modified Alkyd Enamel is a one-component product suitable for interior and exterior use. It is formulated for fast dry and curing, allowing for multiple coats to be applied on one shift. Modified Alkyd Enamel is suitable for multiple uses in industrial, OEM and metal fabrication applications.

- ✓ Fast dry for quicker handling times
- ✓ Use when multiple coats need to be applied during one shift

**INDUSTRIAL USE ONLY!**  
AS OF 01/01/2017 COMPLIES WITH:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> OTC | <input checked="" type="checkbox"/> CARB  |
| <input checked="" type="checkbox"/> EC  | <input checked="" type="checkbox"/> LADCO |
| <input type="checkbox"/> SCAQMD         | <input checked="" type="checkbox"/> UTAH  |

**krylonindustrial.com**  
1-800-247-3266

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### RECOMMENDED USES

Use this product on prepared substrates in industrial environments, such as ornamental iron, tanks & cylinders, steel fabricated parts, equipment, machinery, metal buildings, select marine structures, piping, hand rails.

### RECOMMENDED SYSTEMS

**Steel:**

- 1 coat Weld-Thru Primer @ 2.0 mils dft
- 1 coat Modified Alkyd Enamel @ 3.0 - 5.0 mils dft

**Steel:**

- 1 coat Industrial Primer @ 2 - 3 mils dft
- 1 coat Modified Alkyd Enamel @ 3.0 - 5.0 mils dft

**Steel:**

- 1 coat Universal Metal Primer @ 2-5 mils dft
- 1 coat Modified Alkyd Enamel (K0042 Series) @ 3.0 - 5.0 mils dft

### RECOMMENDED SYSTEMS

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure good adhesion.

**Iron & Steel:** Minimum surface preparation is Hand Tool Clean per SSPCSP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6, blast clean all surfaces to a nominal profile (2 mils). Remove all weld spatter and round all sharp edges by grinding. Prime any bare steel within 8 hours or before flash rusting occurs.

**Previously Painted Surfaces:** If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, or if this products attacks the previous finish, removal of the previous coating may be necessary. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.

### CLEAN-UP

Clean spills, spatters and tools immediately with Xylene. Follow manufacturer's safety recommendations when using any solvents.

### TECHNICAL DATA

Finish	Gloss
<b>Volume Solids</b>	67.5% ± 2% (calculated) (White) may vary by color
<b>Weight Solids</b>	82% ± 2% (White) May vary be color
<b>VOC (EPA Method 24):</b>	
Unreduced:	<245 g/L; 2.04 lb/gal
Reduced 10%:	<320 g/L; 2.67 lb/gal

**TECHNICAL DATA****Recommended Spreading Rate per Coat:**

<b>Wet mils</b>	4.5 – 7.5
<b>Dry mils</b>	3.0 – 5.0
<b>Coverage</b>	217 - 361 sq ft/gal approximate

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance

**Drying Schedule @ 5.0 mils wet @ 50% RH:**

	@ 40°F	@ 77°F	@ 100°F
To Touch:	30 minutes	20 minutes	10 minutes
To Handle:	15 hours	3-4 hours	2 1/2 hours
To Recoat:	4 hours	1 hour	45 minutes

NOTE: Drying time is temperature, humidity and film thickness dependent.

<b>Shelf Life</b>	24 months, unopened store indoors at 40°F-100°F
<b>Flash Point</b>	69°F Seta Flash

**APPLICATION**

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

**Airless Spray**

Pressure	3000 psi
Hose	1/4" ID
Tip	0.015" – 0.019"
Filter	60 mesh
Reduction	Not recommended

**Conventional Spray**

Gun	Binks 95 Fluid Nozzle	63C
Air Nozzle	63PB	
Atomization Pressure	50 psi	
50 psi Fluid Pressure	15-20 psi	
Reduction	As needed up to 10% by volume	
Brush		
Brush	Nylon/Polyester or Natural Bristle	
Reduction	Not recommended	
<b>Reducer/Clean Up</b>	Xylene (K01661530)	

**TECHNICAL DATA****Roller**

Cover	3/8" woven with phenolic core
Reduction	Not recommended

NOTE: If specific application equipment is not listed above, equivalent equipment may be substituted.

**CAUTIONS**

**FOR INDUSTRIAL USE ONLY.** Thoroughly review product label and SDS for safety and cautions prior to using this product. Please direct any questions or comments to your local Krylon Industrial Representative.

Note: The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, Krylon Products Group cannot make any warranties as to the end result. Please direct any questions or comments to 1-800-247-3266.



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The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Krylon Industrial. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Krylon Industrial dealer or representative to obtain the most recent Product Data Sheet.