

## Product Data Sheet



Keeler & Long/PPG  
856 Echo Lake Road  
Watertown, CT 06795  
1-800-238-8596



# Aluminum Paint

## KLC7830

**Product Information**

*Product Code:* KLC7830  
*Product:* Modified Oleoresinous Varnish  
*Suggested Use:* May be used as a metallic finish on metal or wood. Can be used to coat metal where surface temperatures reach up to 450°F (232°C).

**Product Description**

*Color:* Aluminum  
*Gloss 60°:* Semi-gloss (typically)  
*VOC:* 3.57 lbs./gal. (428 g/L)  
*Method:* Calculated  
*Weight/Gallon:* 8.0 ± 0.3 lbs./gal.  
*In Service Heat Limitations:* 450°F (232°C) maximum, dry heat  
*Flash Point:* 114°F (45.6°C)  
*Package:* Available in full filled one gallon containers.  
*Percent Solids by Volume:* 46.8 ± 2.0%  
*Percent Solids by Weight:* 55.7 ± 2.0%

**Drying Schedule**

*Air Dry @ 77°F (25°C) ASTM D5895*

*Dry to Touch:* 6 to 8 hours

*Dry to Recoat:* 24 to 30 hours

Drying times listed may vary depending on temperature, humidity and air movement.

**Application Data**

*Substrate:* Metal or wood

**Application Data (continued)**

*Substrate Preparation:* The service life of the coating is directly related to the surface preparation. The surface to be coated must be properly prepared, dry, clean and free of contamination.

SSPC-SP2 Hand Tool Cleaning is the minimum surface preparation for metal substrates. Bare surfaces should be primed with the proper metal or wood primer. For use where heat resistance to 450°F(323°C) is needed, SSPC-SP10 (NACE #2) Near White Blast Cleaning is the minimum surface preparation.

*Basecoat:* KLC6008 series, KLC9400 series, KLC9421

*Application Method:* Apply by spray or brush application.  
Air Spray: DeVilbiss MBC gun, 704 air cap with "E" tip and needles or equivalent equipment.  
Atomization Pressure: 30-60 psi.

Airless Spray: Equipment capable of maintaining a minimum of 2000 psi at the tip without surge. 0.013"(0.330mm) to 0.015"(0.381mm) orifice.

Brush: Use a high quality natural bristle brush.

Roller: Not Recommended

Refer to Application Guide APG-1 for additional information.

*Thinner Code & Percent:* Thinning not required.

*Wet Film Per Coat:* 2.1 to 3.2 mils

*Dry Film Per Coat:* 1.0 to 1.5 mils

*Coverage Sq. Ft./Ga. @ 1 mil:* 750 sq. ft./gal.

*Clean Up*

*Solvent:* KL1638

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**Application Data (continued)**

*Mixing Instructions:* Agitate thoroughly prior to application and occasionally during use.  
Danger - Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

**Additional Information**

Apply only when air, product and surface temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point.

Store materials at temperatures between 60°F (15°C) and 90°F (32°C).

Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-238-8596.

Not intended for residential use.

Not recommended for immersion service.

This product contains a leafing aluminum pigment and may be very slow to reach full cure, particularly in humid conditions. Aluminum may rub off for an extended period of time.

Spray equipment must be handled with due care and in accordance with manufacturer's recommendation.

High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.