



Laster/Castor Corporation
1101 N. 161st E. Ave
Tulsa, Ok, 74116
918-234-7777

90 Series Acrylic Modified Quick Dry Alkyd Enamel

PRODUCT DESCRIPTION

A fast drying, acrylic modified alkyd enamel designed for the segment of the OEM market that requires extra protection from the elements. Generally used as an industrial paint finish for OEM applications on a variety of metal substrates where performance and dry time are essential factors in production. Acrylic modification makes this alkyd enamel perform much better than a conventional alkyd enamel in the areas of durability, adhesion, color retention, flexibility, sag resistance, and wet edge retention. This high performance product can be cross-linked with our 8000 Polyurethane Converter for even greater performance in heavy corrosion applications. CONTAINS NO LEAD, CHROME OR OTHER HEAVY METAL COMPOUNDS.

RECOMMENDED USES

Applications include OEM horse trailer, off-road construction equipment, farm machinery, livestock equipment, storage tanks, tractor-trailers and industrial finishing where both high performance and fast production on the paint line are required.

PRODUCT BENEFITS

- Fast Drying/Increased Production Time
- Acrylic Modified Alkyd
- Can Be Cross Linked with 8000 Polyurethane Converter
- Excellent Gloss and Color Retention and Chalk Resistance
- Excellent Sag Resistance
- Excellent Adhesion
- Excellent Recoat
- Excellent Corrosion Resistance
- Excellent Hardness
- Excellent Resistance to U.V. Exposure
- Excellent Durability
- Good Abrasion Resistance/Resists Chipping
- High Hiding

SURFACE PREPARATION

All substrates must be cleaned free of dust, dirt, oil (including form oils & parting compounds), grease, soap residue, wax and flaking paint. Solvent wipe and/or detergent clean surface in accordance with SSPC-SP1. Sandblast or wire-brush rusty surfaces and prime with 92 Series Alkyd Primer. For optimum adhesion and corrosion resistance, metal should be iron or zinc phosphate treated.

APPLICATION

Mixing: Hand stir each container thoroughly before using and occasionally while applying. No thinning usually required. For thinning instructions, contact your local L C C sales representative.

Application: May be applied by air, airless, air-assisted airless, turbo or HVLP spray. Product may also be applied by dip or flowcoat. Recommended tip size for airless or air assisted airless spray: .011" to .015" (0.28-0.38 mm) orifice.

Cleanup: Clean spills, spatters, hands, tools and other equipment promptly with lacquer thinner. Dispose of used paint and waste in accordance with local, state and federal regulations. Follow manufacturer's safety recommendations when using lacquer thinner.

Application Precautions & Limitations: Apply when surface, air and product are above 40°F (4°C) and at least 5°F (3°C) above the dew point.



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TECHNICAL DATA

COLOR:	All Colors
V.O.C. (EPA Method 24 / Material)	563 g/l / 4.71 lbs./gal
VEHICLE TYPE:	Acrylic Modified Alkyd
WEIGHT GALLON:	7.65 ± 0.2 lb./gal. (1,114 g/l)
WEIGHT SOLIDS:	38.5 ± 2.0 %
VOLUME SOLIDS:	30.7 ± 2.0 %
GLOSS @ 60°:	85° +
VISCOSITY:	65-70 KU @ 77°F (25°C)
HARDNESS:	B after 30 days
GRIND:	#7 Hegman (12 microns)
FLASH POINT:	43°F. TCC (6°C)
COVERAGE: @ 1 Dry Mil (25 microns)	558 sq. ft./gal (11.2 m ² /l)
PRACTICAL:	450-500 sq. ft./gal.(9-10 m ² /l)
DFT:	1 mil dry (25 microns)
REDUCTION & CLEANUP:	Toluol (Winter) Xylol or Solvent 100 (Summer)
DRY TIME @ 70°F (25°C) & 50% RH	
TO TOUCH:	15 Minutes
HARD:	4 Hours

ENVIRONMENTAL & SAFETY STATEMENT: This product is not formulated with any lead, chrome or mercury containing ingredients. CAUTION! Keep away from heat and open flame. Avoid prolonged contact with skin and breathing of vapor or spray mist. Do not take internally. Close container after each use. Use only with adequate ventilation. Use respiratory devices and other personal protective equipment required by OSHA 29CFR 1910. KEEP OUT OF REACH OF CHILDREN. For specific safety requirements, refer to the Material Safety Data Sheet.

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance, but is subject to change without prior notice. We make no guarantee of any kind, express or implied, including merchantability and fitness for particular purposes. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor, or cost of labor, and other consequential damages are hereby excluded.

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