

MACH-DYNAMICS?  
3870 La Sierra Avenue, Suite 212  
Riverside, CA 92505  
(951) 515-3748 Fax (775) 599-4585



## TECHNICAL DATA SHEET

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### QD ENAMEL TT-E-516A

#### PRODUCT

A quick dry, lusterless, styrenated alkyd enamel. This coating is primarily used as a finish coat on ammunition and other metal surfaces.

#### DESCRIPTION

A quick dry, lusterless styrenated alkyd enamel formulated to meet Federal Specification TT-E-516A. Its quick-dry characteristics make it an excellent production enamel for metal surfaces.

#### PROPERTIES

**COLORS** ..... All Lusterless Fed Std. 595B Colors  
**GRIND** ..... Not Under 5  
**SPECULAR GLOSS** ..... 2 - 8  
**VISCOSITY** ..... 67 - 77 KU  
**SHELF LIFE** ..... 1 Year From Date of Manufacture

#### DRYING TIME AT 75° F:

**SET-TO-TOUCH** ..... 3 to 6 minutes  
**DRY HARD** ..... Within 10 minutes  
**TACK FREE** ..... Within 15 minutes  
**FULL HARDNESS** ..... Within 72 Hours

#### ADVANTAGES

- (1). Fast Drying Properties
- (2). Lusterless Finish
- (3). Meets TT-E-516A
- (4). Full Color Range, FED-STD-595 Colors
- (5). Fast Production Time.

USES: Steel, Machinery, Tanks, Ammunition, Equipment, and Towers.

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TT-E-516A**

### **APPLICATION & INDUCTION:**

TT-E-516A QD Styrenated Enamels can be applied by conventional or airless spray application. For spraying, thin up to 1 pint per gallon or as needed for proper atomization with TT-X-916 or TT-T-306C Type I Thinner. For brushing, reduce up to 10% by volume with TT-T-306C Type I Thinner. Due to quick-dry properties, brush small areas only.

### **SURFACE PREPARATION:**

Surface must be clean and free of all contamination before application of primer.

### **STEEL:**

Surface must be clean and free of all oil, grease and foreign material. Badly rusted or pitted steel should be cleaned by commercial sandblasting and primed the same day.

### **PRECAUTIONS:**

Contents are **FLAMMABLE**.

Keep away from heat and open flame.

**KEEP OUT OF THE REACH OF CHILDREN.**

Do not take internally.

Avoid breathing vapor or mist.

Do not use in tank or pit without proper protection.

**READ** Material Safety Data Sheet before use of this product.

**END OF DOCUMENT**