



# TECHNICAL DATA SHEET

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MIL-E-52891B(ME)  
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**PRODUCT:** A government specification, quick-drying enamel formulated to meet MIL-E-52891B(ME)

**DESCRIPTION:** *MIL-E-52891B(ME)* is a zinc phosphate type quick-dry lusterless enamel used as a finishing topcoat on primed ammunition components and other metal substrates.

**PROPERTIES:** COLORS..... Per Fed-Std 595B  
GRIND..... 5 Hegman  
VEHICLE SOLIDS(Weight)..... 18% Minimum  
GLOSS(60 Degrees)..... 8 Maximum  
VISCOSITY..... 67 - 77 KU

**DRYING TIMES:**

TO TACK FREE..... 15 Minutes  
DRY HARD..... 72 Hours

**ADVANTAGES:** (1). Quick-Drying  
(2). Meets MIL-E-52891B(ME)  
(3). Rust Resistant  
(4). Air Dry Lusterless Finish

**USES:** (1). Ammunition Components  
(2). Metal Surfaces  
(3). Finish Coat

**APPLICATION:** Apply by brush, roller or spray methods. For brush and roll, thin approximately 10% by volume with Mineral Spirits and apply to small areas only due to fast dry properties. For spray application, thin with Xylene at 10-15% by volume for proper atomization.



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## **SURFACE PREPARATION:**

Surface must be clean, dry and free of all contamination before application. Prime per specification instructions.

## **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.