



# TECHNICAL DATA SHEET

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**TC-706 Waterborne**  
**Alkyd Enamel**  
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**PRODUCT:** A water-base, rust-resistant topcoat for ferrous metal. TC-706 Water-Reducible Enamels are single-component, waterborne alkyd coatings formulated for maximum rust prevention.

**DESCRIPTION:** A high gloss, rust-resistant, industrial grade water reducible enamel for steel. These enamels have an extremely low VOC content. TC-706 Waterborne Enamels have excellent exterior durability and dry to a hard glossy finish.

**PROPERTIES:** COLORS..... Full Range  
SOLIDS (Weight)..... 45 - 50%  
THEORETICAL COVERAGE..... 500 mil sq.ft/gal  
DRY FILM THICKNESS..... 2.0 to 2.5 mils p/coat  
VOC CONTENT..... Less than 25 G/L  
**DRYING TIME-AT 75 DEGREES F:**  
TO HANDLE..... 30 - 45 Minutes  
TO RECOAT..... 60 Minutes  
VEHICLE TYPE..... Waterborne Alkyd  
WEIGHT/GAL..... 9.5-10 lbs/gal  
**TEMPERATURE RESISTANCE..... Up to 250 degrees F**

**ADVANTAGES:** (1). Low Volatile Organic Compound Content  
(2). Excellent Exterior Durability  
(3). Hard Glossy Finish  
(4). Abrasion Resistant  
(5). Water Reducible  
(6). Water Clean-Up  
(7). Industrial Finish

**USES:** (1). Steel  
(2). Machinery  
(3). Parts  
(4). Tools  
(5). Equipment



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## APPLICATION & REDUCTION:

TC-706 Waterborne Enamels can be reduced with water up to 10-15% by volume for spraying applications. For high build applications, however, they can be used as packaged. Thin as needed with water for smooth flow and leveling of the paint film.

## SURFACE PREPARATION:

Surface must be properly prepared, clean, dry and free of all contamination before application of enamel topcoat.

## STEEL:

Surface must be properly prepared 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:

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.  
Keep From Freezing.