



# TECHNICAL DATA SHEET

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501 SERIES  
LOW VOC QD ENAMEL  
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**PRODUCT:** A lead-free, high-solids alkyd enamel for ferrous metals and wood. Quick dry low-voc enamels are one component, modified alkyd coatings formulated for maximum rust prevention and rapid dry.

**DESCRIPTION:** A quick-dry, low-voc industrial enamel for metal. Intrepid's QD enamels are formulated to have an extremely high solids content. These enamels offer excellent production turnaround time due to its fast dry properties.

**PROPERTIES:** COLORS..... Full Spectrum(All Colors)  
SOLIDS(Volume)\*..... 45 - 55%  
THEORETICAL COVERAGE\*..... 350 - 400 sq.ft/gal  
DRY FILM THICKNESS..... 2.0 to 3.5 mils p/coat  
**DRYING TIME-AT 75 DEGREES F:**  
TO HANDLE..... 15 To 30 Minutes  
RECOAT TIME..... 60 To 120 Minutes  
VEHICLE TYPE..... Modified Alkyd  
WEIGHT/GAL\*..... 9.9 - 11.2 lbs/gal  
**TEMPERATURE RESISTANCE**..... Up to 300 degrees F  
\*Values may vary with color.

**ADVANTAGES:** (1). Meets Steel Structures Painting Council (S.S.P.C.) requirements.  
(2). ASTM B117 Salt Fog Test: 500+ Hours.  
(3). ASTM D 522-60 Conical Mandrel Passes: 1/8 in. mandrel  
(4). Excellent Corrosion Resistance  
(5). Excellent Foundation  
(6). Extremely Abrasion Resistant

**USES:** (1). Steel  
(2). Machinery  
(3). Tanks  
(4). Railings  
(5). Wood  
(6). Towers  
(7). Equipment



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## APPLICATION & REDUCTION:

Intrepid's Quick-Dry Enamels are formulated for airless, electrostatic or conventional spray application. For spraying, thin up to 15% or as needed with Synthetic Reducer. For brushing, reduce up to 15% with Mineral Spirits or Synthetic Reducer. Brush small areas only.

## SURFACE PREPARATION:

Surface must be clean, dry 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 COMBUSTIBLE.

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.