



# TECHNICAL DATA SHEET

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TT-E-490E SILICONE ALKYD ENAMEL  
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**PRODUCT:** An air-dry, silicone alkyd coating conforming to TT-E-490E.

**DESCRIPTION:** A high grade silicone alkyd type copolymer gloss and medium gloss enamels intended for use on primed metal but particularly on smooth exterior metal. It is highly weather-resistant and has superior color and gloss retention. Its inherent high heat resistance is due to the high silicone content of the resin. Resists temperatures up to 600 degrees Fahrenheit.

**PROPERTIES:** COLORS..... Full Spectrum(All Colors)  
SOLIDS(Volume)\*..... 60 - 67%  
THEORETICAL COVERAGE\*..... 640 - 720 sq.ft/gal  
DRY FILM THICKNESS..... 1.5 mils p/coat  
**DRYING TIME-AT 75 DEGREES F:**  
SET-TO-TOUCH..... 2 HOURS MAX  
DRY HARD..... 8 HOURS MAX  
VEHICLE TYPE..... SILICONE ALKYD  
\*Values may vary with color.

**ADVANTAGES:** (1). Excellent Weather Resistance.  
(2). Meets TT-E-490E.  
(3). Excellent Coverage.  
(4). Excellent Gloss Retention.  
(5). High Heat Resistance

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



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## APPLICATION & REDUCTION:

TT-E-490E Silicone Alkyd enamels may be applied by brush, roll or spray application. For spraying, thin up to 15% or as needed with Synthetic Reducer or Xylene. For brushing, thin up to 10% with Mineral Spirits.

## SURFACE PREPARATION:

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

## 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.