



# TECHNICAL DATA SHEET

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MIL-E-15090C  
EQUIPMENT ENAMEL  
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**PRODUCT:** A general purpose enamel with good durability for use on steel furniture, machinery and equipment aboard ships or at naval installations. Available in two classes and three types as listed below.

**PROPERTIES:**

COLORS..... #16307 Gray & #26307 Gray  
GRIND..... Not Under 6  
SPECULAR GLOSS..... 20 - 65  
VISCOSITY..... 67 - 100 KU

**DRYING TIME-AT 75 DEGREES F:**

TYPE I:

SET-TO-TOUCH: 1 HR,  
DRY HARD: 8 HOURS

TYPE II:

DUST FREE: 10 MINS,  
TACK-FREE: 30 - 60 MINS.

TYPE III:

BAKE HARD: 30 MINS @ 250 Degrees F.

**TYPES/CLASSES:**

CLASS 1: GLOSS  
CLASS 2: SEMIGLOSS  
TYPE I: MEDIUM AIR DRY  
TYPE II: FAST AIR DRY  
TYPE III: BAKING

**USES:**

- (1). Steel
- (2). Machinery
- (3). Furniture
- (4). Switchboards
- (5). Equipment



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## APPLICATION & REDUCTION:

MIL-E-15090C Equipment Enamel Type I can be applied by brush or spray with Types II and III designed primarily for spray application. Types I and II should be thinned 15 - 20% with Xylene. Type III should be thinned only with TriCom's T0123 TriCom's Baking Enamel Reducer or MIL-T-81772B Type III Reducer up to 40%-45% by volume for spray application. Spray one tack coat followed by one full wet coat. For Type III, allow part to air dry for 30-45 minutes at room temperature. Pre-heat oven to 250-300 Degrees Fahrenheit, place part in oven and bake for 30-45 minutes.

## 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 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.