

# N-6267



MIL-DTL-15090D Equipment Enamel, Navy Formula 111

## Intended Uses:

This product is a light gray equipment and machinery enamel for marine and industrial use. May be used on equipment such as switchboard installations and furniture.

## Physical Properties

<b>Color:</b>	Gray - #26307	<b>Substrate Tested:</b>	Product Applied on Q-Steel @ 3.0 mils DFT
<b>Gloss:</b>	35 - 50 @ 60°	<b>Water Resistance:</b>	N/A
<b>Volume Solids:</b>	58.5 +/- 2.0%	<b>Flexibility:</b>	N/A
<b>Weight Solids:</b>	74.8 +/- 2.0%	<b>QUV 313B:</b>	N/A
<b>Weight Per Gallon:</b>	11.0 +/- 0.2 lbs	<b>Pencil Hardness:</b>	N/A
<b>Theoretical Coverage:</b>	938 sq ft/gal @ 1 mil dft	<b>Florida Weathering (1 year):</b>	N/A
<b>VOC:</b>	2.8 lbs/gal (340 gms/liter)	<b>Recommended Film Thickness:</b>	2 - 3 mils DFT
<b>Viscosity:</b>	90 KU Max.		

## Application Characteristics

<b>Mix Ratio:</b>	Single component product. Mix thoroughly before use.		
<b>Reducer:</b>	No thinning allowed.		
<b>Cleaning Solvent:</b>	T-256, Mineral Spirits		
<b>Pot Life:</b>	Not applicable.		
<b>Dry Time @ 77°F:</b>	<b>Touch:</b> 2 hrs	<b>Through Dry:</b> 5 hrs	<b>Recoat:</b> 6 hrs.
<b>Full Cure:</b>	A function of time, temperature and film thickness.		

## Recommended Primers

<u>Substrate</u>	<u>Recommended Primer</u>
<b>Aluminum/Galvanized Steel/Stainless Steel:</b>	TT-P-645
<b>Previously Painted Surfaces:</b>	Remove all mill scale, loose rust, loose paint and other foreign matter by "Hand or Power Tool Cleaning" (SSPC-SP2 or SSPC-SP3 respectively). Sand or "Brush Blast" (SSPC-SP7) hard glossy areas until dull before application.
<b>Steel:</b>	Remove all grease, oil or other surface contaminants per SSPC-SP 1. Apply over TT-P-645 primer.

## Application Equipment

<b>Conventional Spray:</b>	<b>Air Pressure:</b> 50 psi	<b>Fluid Pressure:</b> 20 - 25 psi	<b>Tip:</b> E <b>Nozzle:</b> E
<b>Airless:</b>	<b>Pressure:</b> 2500 psi.	<b>Tip:</b> .015	
<b>Brush:</b> Use Natural Bristle Brushes <b>Roller:</b> Use 3/8" woven with phenolic core			
<b>Note:</b> The above parameters are to be used as a guideline only.			

Technical Data Sheet

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### **Surface Preparation**

Do not apply if the surface temperature is less than 5°F above the dew point. Before applying, the surface should be cleaned per SSPC-SP 1 to remove all surface contaminants. For Steel, the minimum surface preparation is SSPC-SP2, Hand Tool Clean. For improved performance, use SSPC-SP6, Commercial Blast Cleaning.

### **Safety Precautions**

This product is intended for professional use in an industrial environment only! Consult the Material Safety Data Sheet prior to application for detailed information on the health and safety hazards.

### **Shelf Life & Storage Conditions**

Shelf life: 24 months from the date of manufacture. This product must be stored in accordance with local, state, and national regulations. Keep containers in a cool (35°F –95° F), dry, well- ventilated space and away from sources of heat and ignition.

### **Comments**

For additional information contact your NCP Coatings, Inc. Sales Representative, Customer Service Representative, or visit our website: [www.ncpcoatings.com](http://www.ncpcoatings.com)

### **Note**

**The above information is supplied as a guideline to our customers. The user must be aware of the cleaning, pretreatment, application and testing requirements for their specific job!**