

MRN16920

MIL-PRF-24596A, Fire Retardant Latex Enamel

## Product Data/ Application Instructions (For Marine & Offshore use)

Amercoat 601N enamel resists spontaneous ignition when heated by conduction through a metal substrate. This enamel does not support combustion. Complies with Type 1; Class 1 & 2; Grade A & B, Applications A & B.

### Physical Properties

Color	Beach Sand - #22563
Gloss	45 - 60 @ 60°
Volume Solids	46.2 ± 2.0%
Weight Solids	60.2 ± 2.0%
Weight per Gallon	11.2 ± 0.2 lbs.
Theoretical Coverage	741 ft <sup>2</sup> /gal @ 1mil dft
VOC	1.0 lbs/gal (120 gms/L)
Viscosity	99 KU Max
Substrate Tested	Product Applied on Q-Steel @ 3.0 mils DFT
Water Resistance	N/A
Flexibility	N/A
QUV 313B	N/A
Pencil Hardness	N/A
Florida Weathering(1Year)	N/A
Recommended Film Thickness	2-4 mils DFT

### Application Characteristics

Mix Ratio	Single component product. Mix thoroughly before use.
Reducer	No thinning allowed.
Cleaning Solvent	Warm Water
Pot Life	Not applicable
Drying time @	°F/°C
	77/25
touch	1 hour
hard dry	6 hours
recoat	24 hours
Full Cure	A function of time, temperature and film thickness.

### Recommended Primers

Substrate	Recommended Primer
Aluminum/Galvanized Steel/Stainless Steel	MIL-PRF-23236C or TT-P-645.
Previously Painted	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.
Steel	Remove all grease, oil or other surface contaminants per SSPC-SP1. Apply over MIL-DTL-24441, MIL-PRF-23236C or TT-P-645 primer.

### Application Equipment

Conventional Spray	
Air Pressure	As required for proper atomization.
Fluid Pressure	As required for proper atomization.
Cap	Medium to Heavy Visc.
Tip	2-3 mm
Brush	Use China Bristle or OX Hair Bristle Brushes.

**Note:** The above parameters are to be used as a guideline only.

## 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.

## 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** 3 years from 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.

**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!

Numerical values are subject to normal manufacturing tolerances, color and testing variances. Allow for application losses and surface irregularities. See application instructions for complete information and safety precautions.

The mixed product is nonphotochemically reactive as defined by the South Coast Air Quality Management District's Rule 102 or equivalent regulations.

## Safety Precautions

Read material safety data sheet before use. Safety precautions must be strictly followed during storage, handling and use.

**CAUTION – Improper use and handling of this product can be hazardous to health.**

**Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mist concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and buildings.**

**This product is to be used by those knowledgeable about proper application methods. PPG makes no recommendation about the types of safety measures that may need to be adopted because these depend on application environment and space, of which PPG is unaware and over which it has no control.**

**If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.**

**Note:** Consult Code of Federal Regulations Title 29, Labor, parts 1910 and 1915 concerning occupational safety and health standards and regulations, as well as any other applicable federal, state and local regulations on safe practices in coating operations.

***This product is for industrial use only. Not for residential use.***



**PPG Protective &  
Marine Coatings**

[www.ppgmc.com/northamerica](http://www.ppgmc.com/northamerica)

One PPG Place, Pittsburgh, PA 15272 • Tel: 888-9PPGPMC