



**HPC/Industrial Maintenance**

**PITTSBURGH® Paints Aluminum Epoxy Mastic**

**Generic Type**

Epoxy-Polyamine Two Component

**Tinting and Base Information**

Aluminum ready mixed color. Do Not Tint.  
UC65372 Component A  
UC65373 Component B

**General Description**

Heavy-duty epoxy coating for use to paint or repaint most steel surfaces, such as structural steel, tanks, bridges and piping. Resistant to most chemical splashes and spills including most alkalies, acids, fresh and salt water and most solvents.

**Recommended Uses**

Metal

**Features / Benefits**

High build coating resistant to abrasion and impact.  
Stands up to most chemical environments.

**Limitations of Use**

Not intended for residential use. Apply only when air, product and surface temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point. Not recommended for immersion service in strong acids or alkalies.

**Product Data**

**Gloss:** Eggshell  
**VOC\*:** 0.98 lbs/gal 118.00 g/L  
**Coverage:** 115 to 227 sq ft/gal (11 to 26 sq. m/3.78L)  
*Note: Does not include loss due to varying application method, surface porosity, or mixing.*  
**DFT:** 5.0 minimum to 12.0 maximum  
**Weight/Gallon\*:** 13.3 lbs. (6.0 kg) +/- 0.5 lbs. (227 g)  
**Volume Solids\*:** 86.4% +/- 2%  
**Weight Solids\*:** 92.5% +/- 2%  
**Mix Ratio:** 4 parts Comp. A to 1 part Comp. B  
**Clean-up:** 97-727, 97-737 PPG Thinners or MEK

Results will vary by color, thinning and other additives.

\*Product data calculated on mixed product

**Drying Time:**

To Touch: 8 hours  
To Handle: 16 hours  
To Recoat: 24 hours

Dry Time @77°F (25°C); 50% relative humidity

**Pot Life:** 4 hours

**In Service Temperature:**

Dry Heat (F): 200° Dry Heat (C): 93°

**Flash Point:** UC65372 102°F, (39°C)  
UC65373 200°F, (93°C)

The surface to be coated must be dimensionally stable, dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials. The recommended surface preparation for surfaces is SSPC-SP2, SSPC-SP3, SSPC-SP6, SSPC-SP7, and SSPC-SP11.

PREVIOUSLY PAINTED SURFACES: Old coatings should be tested for adhesion of the existing system and lifting by the proposed topcoat.

### Recommended Primers

none See Surface Preparation Recommendations.

### Application Information

#### Recommended Spread Rates:

Wet Mils :	5.8	minimum to	13.9	maximum
Wet Microns:	147.3	minimum to	353.1	maximum
Dry Mils :	5.0	minimum to	12.0	maximum
Dry Microns:	127.0	minimum to	304.8	maximum

**Application Equipment:** Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions.

**Conventional Spray:** Fluid Nozzle: tip size .073" - .086"  
Atomization Pressure: 30 - 60 PSIG Fluid Pressure: Can not specify, dependent on numerous factors.

**Airless Spray:** Pressure 2500 - 4000 PSIG, tip .021" - .031"

**Brush:** High Quality Natural Bristle Brush

**Roller:** 3/8" nap solvent resistant core

#### Thinning:

Where permitted by VOC regulations, thin up to 32 oz. per gallon with the appropriate thinner as required for the application. At temperatures of 50 - 85 deg F, thin with 97-727 or 97-737. At temperatures of 86 - 95 deg F, thin with MEK.

### Directions for Use

Mix both components thoroughly before blending. Add UC65373 to UC65372 and mix thoroughly. A mechanical mixer is recommended. No digestion is required. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

#### Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 95°F	10 to 35°C
Substrate:	50 to 130°F	10 to 54°C

PPGAF believes the technical data presented in this bulletin is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date information visit our web site or call 1-800-441-9695

**Packaging:** 1-Gallon (3.78L) 5-Gallon (18.9L)

Not all products are available in all sizes.



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PPG Architectural Finishes, Inc.  
One PPG Place  
Pittsburgh, PA 15272

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Technical Services:  
1-800-441-9695  
Architect/Specifier:  
1-888-774-7732  
International Sales:  
(412) 434-2049

PPG Coatings, Inc.  
Coatings and Resins Group  
5546 Timberlea Blvd.  
Mississauga, Ontario L4W2T7  
(905) 238-6441

**Bulletin: UC65372**

Additional copies of this bulletin can be obtained from our web site or by calling 1-800-428-7806.

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