



# MACROPOXY® 646 AEROSOL

## EPOXY PRIMER FINISH

Revised: 09/2019 Issue 1

### PRODUCT DESCRIPTION

**MACROPOXY 646 AEROSOL** is a two component fast drying, surface tolerant, polyamide epoxy that has been packaged in a single aerosol to protect steel in an industrial environment. The packaging makes it the ideal product for use in maintenance situations due to its ease of application in a range of environments.

### INTENDED USES

Recommended for small repairs in refineries, offshore platforms, chemical plants, tank externals, power plants and bridge and highways. It can be applied to manually prepared surfaces providing protection to range of structures and assets.

### PRODUCT DATA

<b>Finish:</b>	Semi-Gloss
<b>Color:</b>	Mid-Grey, Green, Yellow and Magnolia
<b>Volume Solids:</b>	53%
<b>Weight Solids:</b>	71%
<b>VOC:</b>	390.25 g/l

<b>Average Drying Times @ 7.0 mils (175 microns) wet:</b>			
	<b>35°F (2°C)</b>	<b>77°F (25°C)</b>	<b>100°F (38°C)</b>
	<b>50% RH</b>	<b>50% RH</b>	<b>50% RH</b>
<b>Touch:</b>	5 hours	2 hours	1.5 hours
<b>Handle:</b>	48 hours	8 hours	4.5 hours
<b>Recoat (minimum):</b>	48 hours	8 hours	4.5 hours
<b>Pot Life:</b>	10 hours	4 hours	2 hours

*Drying time is temperature, humidity, and film thickness dependent.*

#### Typical Thickness:

#### Recommended Spreading Rate per coat:

	<b>Minimum</b>	<b>Maximum</b>
<b>Dry mils (microns)</b>	<b>3.0 (75)</b>	<b>4.0 (100)</b>

Theoretical coverage per can is 5.0 sq ft (0.46 m<sup>2</sup>) @ 3 mils / 75 microns dft.

**Shelf Life:** 12 months minimum at 77°F (25°C). Subject to inspection thereafter. Store in dry, shaded conditions away from sources of heat or ignition.

**Packaging:** Macropoxy 646 can be ordered in 6 aerosols per box. Each aerosol contains 10.9 fl. oz. (322 mL) of product.

### SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

#### **Minimum recommended surface preparation:**

Iron & Steel: Atmospheric: SSPC-SP2/3 / ISO8501-1:2007 St 2/St 3



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APPLICATION	APPLICATION CONDITIONS
<p>Ensure the correct PPE is worn before the following process is started:</p> <p><b>Step 1</b> – Shake the aerosol until agitator ball is free &amp; place on a flat surface</p> <p><b>Step 2</b> – Remove cap and insert the metal ring provided</p> <p><b>Step 3</b> – Pull fully out and twist 360° to release the activator</p> <p><b>Step 4</b> – Shake the aerosol can for at least two minutes after agitator ball is free</p> <p><b>Step 5</b> – Apply in cross coats keeping the aerosol can 250mm from the surface</p> <p><b>Step 6</b> – After use turn the aerosol can upside down to empty valve</p> <p>Spray can should be held vertical to the surface. Press down on the tip around 10" (can vary depending on conditions) and maintain an even distance from the surface throughout the application.</p> <div data-bbox="138 1024 816 1150"> </div>	<p><b>Temperature (air, surface, &amp; material):</b>          40°F (4.5°C) minimum, 120°F (49°C) maximum          At least 5°F (2.8°C) above dew point</p> <p>Relative humidity: 85% maximum</p> <p><b>ADDITIONAL NOTES</b></p> <p>This product is intended for use only by professional applicators in industrial situations utilising the advice given on this guidance sheet, the material safety data sheet of the product and the information on the aerosol container.</p> <p>All work involving the application and use of this aerosol based product should be performed in compliance with all relevant national or corporate Health &amp; Safety &amp; Environmental standards and regulations.</p>
WARRANTY	HEALTH AND SAFETY
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