



# Technical Data Sheet

## MAC EPOXY 2K Epoxy System

### Revision

January, 2017

See your MAC Coatings representative for specific performance characteristics or requirements.

### Description

MAC EPOXY is a unique 2 part coating system using epoxy as the A component and polyester as the B component. The coating is extremely hard, durable and chemical resistant and has greater U.V. resistance than conventional epoxies. Adhesion is excellent on most surfaces. MAC EPOXY is a high solids epoxy which is mixed at a 2.75:1 ratio. The product dries hard in 24 hours and achieves full cure in 7 days.

### Limitations

MAC EPOXY can be used on most surfaces as well as for immersion service. Do not apply directly to galvanized metal. Do not coat concrete that has been treated with a hardening solution unless a test patch indicates satisfactory adhesion. Do not apply coating unless concrete has cured for at least 1 month. Use muriatic acid to etch the surface of plain or polished concrete prior to application. Surface must be absolutely dry and free of oil and contaminants.

### Surface Preparation

Substrates should be free of oil and other contaminants. Oily patches can be treated with MTE-14 or Xylene. Sweep or blow all debris from area to be treated.

### Application

Suitable for brush, roll, or spray application. Brush or roll at full mixed viscosity. MAC EPOXY has enamel like viscosity and requires very little reduction with MTL-1 Lacquer Thinner for spraying. First, spray a mist coat or set-up coat to prevent runs in the final coat. Clean up equipment immediately after use with MTL-1 Lacquer Thinner.

### Physical Properties

NOTE: All specification data is represented as general laboratory or production results and does not necessarily constitute a specification. Values not represented as ranges are intended as typical.

### Caution

Use in well-ventilated areas. Keep out of reach of children.

The ratings and data contained herein are based on information obtained through experimental laboratory methods. They are offered in good faith, however without guarantee to individual results, as the customer's applications, requirements; conditions and methods of use are beyond our control. We recommend that the customer determine the suitability of these materials before adopting them for its own use.



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Mixing Ratio:	2.75:1 by volume
Induction Time:	10 minutes
Working Time:	75 minutes @ 25°C
Dry Time:	To touch and handle: 24 hours Full Cure: 7 days
Application Temps:	Minimum 10°C Maximum 32°C
Mixed Solids:	95% by weight
Coverage:	385 ft. <sup>2</sup> /USG

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