

Product code: 479376

## ADDITIVE EP024

### Epoxy-phosphate Ester for Waterborne Systems

#### Specification:

Property	Range	Method / According to standard
Non-volatile matter	72 - 74%	MH1155 / ISO 3251
Acid value on solid resin	40 - 50 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 °C	5000 - 8000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

#### Typical properties:

Property	Value
Solvent ratio	Water / Butylglycol / DMEA = 1 / 8 / 1
Density	1.0 kg/L
Flash point	73 °C

#### Compatibility:

Additive EP024 is compatible with water soluble alkyd resins and saturated polyester resins.

#### Applications:

- » Additive EP024 is used as additive for waterborne stoving enamels.
- » It improves humidity and corrosion resistance, adhesion, chemical resistance, stain resistance and pasteurisation resistance. In many cases, a better cure response will be obtained.
- » 5 - 15% of additive (calculated on total resin solids) is recommended to be added during the final stages of paint making. The specific amount of additive required will vary depending on the type of water-soluble resin and the nature of the substrate.

#### Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures below 35 °C, for up to 24 months. Exposure to direct sunlight should be avoided.

#### Disclaimer

This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at [www.helios.si](http://www.helios.si). Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.

#### TECHNICAL DATASHEET

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