

## SurfaPaint™ Pool Epoxy Enamel

Epoxy 2-component coating with solvents for pools

### Product Description

SurfaPaint™ **Pool Epoxy Enamel** is a two-component solvent-based epoxy enamel. It is specially designed for the protection of swimming pools, fountains and water tanks. It has excellent resistance to fresh and salt water, chlorinated products, acids, alkalis, and sunscreen oils. Thanks to the two-component composition, it creates a strong and at the same time flexible film, which exhibits excellent behavior against contraction and expansion of the surface, high temperatures and abrasion, and helps maintain the good condition of the color for longer. It is self-priming with strong adhesion to surfaces made of concrete or cement mortar. It is suitable for new and already painted pools, after appropriate preparation.

### Recommended Use

SurfaPaint™ **Pool Epoxy Enamel** is an epoxy coating for use on cementitious substrates such as swimming pools, tanks, fountains, where high impact and/or friction loads are observed.

### Key Benefits

- ☆ Ideal for structural and polyester substrates
- ☆ Excellent resistance to water, chlorinated substances, alkalis, dilute acids and mineral oils
- ☆ Excellent adhesion to the substrate
- ☆ Ideal for large temperature differences
- ☆ Very good penetrating ability due to its balanced composition.
- ☆ Impeccable glossy finish

#### NanoPhos S.A.

PO Box 519, Sci. & Tech. Park of Lavrio, 1st Km. Lavrio - Athens Ave., 19500 Lavrio, Greece  
T. (+30) 22920 69312 | F. (+30) 22920 69303 | E. [info@nanophos.com](mailto:info@nanophos.com) | W. [www.NanoPhos.com](http://www.NanoPhos.com)

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### Technical Specifications

Type	▶	Two component solvent-based epoxy coating
Components	▶	Base A & Hardener B
Colors	▶	White 9003/ White sand 1013/ Light blue 5012/ Dark blue 5010/ Grey 7040/ Light grey 7044/ Beige 1019
Mixing ratio	▶	4:1 A: B v/v
Thinner / solvent	▶	NPTA NanoPhos Thinner A (5-10% v/v)
VOC (Volatile Organic Compounds)	▶	<499 g/L
Density	▶	1.15 ± 0.05 g/cm <sup>3</sup>
Viscosity	▶	90-110 KU
Pot life	▶	1h @ 25°C
Drying time	▶	3-4h @ 25°C
Touch-dry time	▶	3h @ 25°C
Min. Recoat Interval	▶	6h @ 25°C
Full curing	▶	7d @ 25°C
Application temperature	▶	From +5°C to +35°C
Resistance to chemicals	▶	Excellent
Resistance to abrasion	▶	35 mg
Resistance to bending	▶	13 N/mm <sup>2</sup>
Tool cleaning	▶	NanoPhos Thinner A

(\*) Dry to recoat time is prolonged under low temperature and high humidity

### Surface Preparation

All surfaces must be clean, free from dust, oils, grease and loose residues. New cement substrates or new masonry should have matured for more than 4 weeks before application. Substrates with damage, cracks and holes should be repaired with appropriate repairing material. It is recommended that the substrate be cleaned with a high-efficiency vacuum cleaner before application. Apply one coat SurfaPaint™ Pool Epoxy Primer on new concrete.

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### Application Instructions

#### MIXING:

Pour the component B into the component A and mix very well for 3 minutes with a low-speed drill. The stirring should be done both on the walls and on the bottom for proper homogenization. Then if necessary dilute with NanoPhos Thinner A solvent (5-10% v/v) depending on the application, the desired workability and the absorbency of the substrate.

#### APPLICATION:

Apply with a roller, brush or airless spraying. The SurfaPaint™ Pool Epoxy Enamel is superficially dry in 2-3 hours and can be repainted after 12 hours. Its recoating time should not exceed 2 days. The pool can be filled with water 7 days after painting, where the paint has dried completely. These times vary depending on the relative humidity and temperature. All tools and equipment should be cleaned immediately after use with NanoPhos Thinner A solvent. Sunlight and UV radiation will cause chalking and fading over the time. Early chalking may occur if the pH of the water is outside the range of 7.0-7.6. Early contact with water can cause premature fading, chalking and blistering. Super chlorinated water can cause a bleached-out appearance.

### Spreading rate

8-10 m<sup>2</sup>/L, depending on the absorbance of the application surface.

### Storage

Store in the original closed package, in a well-ventilated area, at a temperature of 5°C to 35°C, away from sun rays and frost. Inclement storage conditions may affect product quality.

### Health and Safety

Read the product label before use. The Safety Data Sheet is available on [www.NanoPhos.com](http://www.NanoPhos.com) or on request by contacting NanoPhos by email: [info@NanoPhos.com](mailto:info@NanoPhos.com) or by phone: 2292069312.

### Available Packages

Available White 9003, White sand 1013, Light blue 5012, Dark blue 5010, Grey 7040, Light grey 7044, Beige 1019

- 2,5L Metal containers A+B
- 5L Metal containers A+B
- 20L Metal containers A+B

Other colors available upon request

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*Disclaimer: The Technical Data Sheet recommendations for the use of NanoPhos' products are based on our scientific knowledge, laboratory studies and long-term experience. The information provided must be considered indicative and subject to constant review based on specific conditions and each practical application. The suitability of the product should be examined in each case for specific use and the end user bears full & exclusive responsibility for any side effects that may arise from the incorrect use of the product. The present edition of this technical datasheet automatically cancels any previous one concerning the same product. For more information please contact NanoPhos: [info@NanoPhos.com](mailto:info@NanoPhos.com)*

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