

# SIGMARINE™ YACHTLAK

## DESCRIPTION

High-gloss urethane alkyd finishing coat

## PRINCIPAL CHARACTERISTICS

- Suitable for interior and exterior use
- Easy application by brush with excellent flow
- Good weathering resistance
- High opacity
- Good color retention
- Not suitable for immersion in water or continuous splash of water
- Can be applied over most intact alkyd paints

## COLOR AND GLOSS LEVEL

- White (other colors available on request)
- Gloss

## BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	One
Mass density	1.2 kg/l (10.0 lb/US gal)
Volume solids	55%
VOC (Supplied)	Directive 2010/75/EU, SED: max. 300.0 g/kg
Recommended dry film thickness	35 µm (1.4 mils) per coat
Theoretical spreading rate	15.7 m <sup>2</sup> /l for 35 µm (630 ft <sup>2</sup> /US gal for 1.4 mils)
Dry to touch	3 hours
Overcoating Interval	Minimum: 16 hours Maximum: Unlimited
Shelf life	At least 24 months when stored cool and dry

## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

### Substrate conditions

- Previous suitable coat must be dry and free from any contamination
- Previous coat: surface should be sufficiently roughened if necessary

### Substrate temperature and application conditions

- Substrate temperature during application should be at least 3°C (5°F) above dew point



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## INSTRUCTIONS FOR USE

- Stir well before use
- The temperature of the paint should preferably be above 15°C (59°F), otherwise extra thinner may be required to obtain application viscosity
- Adding too much thinner results in reduced sag resistance

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### **Air spray**

#### **Recommended thinner**

THINNER 20-05

#### **Volume of thinner**

10 - 15%, depending on required thickness and application conditions

#### **Nozzle orifice**

1.8 - 2.0 mm (approx. 0.070 - 0.079 in)

#### **Nozzle pressure**

0.3 - 0.4 MPa (approx. 3 - 4 bar; 44 - 58 p.s.i.)

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### **Airless spray**

#### **Recommended thinner**

THINNER 20-05

#### **Volume of thinner**

0 - 2%, depending on required thickness and application conditions

#### **Nozzle orifice**

Approx. 0.28 mm (0.011 in)

#### **Nozzle pressure**

12.0 MPa (approx. 120 bar; 1741 p.s.i.)

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### **Brush/roller**

#### **Recommended thinner**

THINNER 20-05

#### **Volume of thinner**

0 - 3%

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### **Cleaning solvent**

THINNER 20-05

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## SAFETY PRECAUTIONS

- Gloves and fresh air mask recommended, see sheet 1430, 1431 and relevant material safety data sheet
- Minimum ventilation air quantity required for 1 liter (0.264 US gal) of paint depends on color: 89 m<sup>3</sup> (3,143 ft<sup>3</sup>) to reach 10% of LEL; 643 m<sup>3</sup> (22,707 ft<sup>3</sup>) to reach TLV
- Minimum ventilation air quantity required for 1 liter (0.264 US gal) of THINNER 20-05: 209 m<sup>3</sup> (7,381 ft<sup>3</sup>) to reach 10% of LEL; 1,343 m<sup>3</sup> (47,428 ft<sup>3</sup>) to reach TLV

## WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

## REFERENCES

• EXPLANATION TO PRODUCT DATA SHEETS	INFORMATION SHEET	1411
• SAFETY INDICATIONS	INFORMATION SHEET	1430
• SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD – TOXIC HAZARD	INFORMATION SHEET	1431

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