DESCRIPTION

High-performance, TBT-free, self-polishing antifouling for coastal operating ships, with cuprous oxide and organic biocides for aggressive fouling conditions

PRINCIPAL CHARACTERISTICS

- High-activity, TBT-free, self-polishing, antifouling for coastal-operating vessels
- TBT-free self-polishing antifouling for new-building and maintenance
- Controls common types of shell and weed fouling for long service periods, depending on sailing pattern and routes
- · Controlled polishing rate to give effective protection in accordance with the specified dry film thickness
- Complies with IMO Antifouling Systems Convention

COLOR AND GLOSS LEVEL

- Redbrown, brown, black
- Flat

BASIC DATA AT 20°C (68°F)

Data for product			
Number of components	One		
Mass density	2.0 kg/l (16.7 lb/US gal)		
Volume solids	57 ± 2%		
VOC (Supplied)	Directive 1999/13/EC, SED: max. 173.0 g/kg max. 340.0 g/l (approx. 2.8 lb/US gal)		
Recommended dry film thickness	75 - 150 μm (3.0 - 6.0 mils) depending on system		
Theoretical spreading rate	3.8 m²/l for 150 μm (152 ft²/US gal for 6.0 mils)		
Dry to touch	1 hour		
Overcoating Interval	Minimum: 6 hours		
Refloating time	Minimum: 8 hours		
Shelf life	At least 18 months when stored cool and dry		

Notes:

- See ADDITIONAL DATA - Spreading rate and film thickness

- See ADDITIONAL DATA - Overcoating intervals

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Substrate conditions

- Previous coat must be sound, dry and free from any contamination
- Suitable high performance anticorrosive (epoxy)
- · For the epoxy anticorrosive system, SIGMACOVER 525 or SIGMACOVER 555 should be used as a tiecoat



Substrate temperature and application conditions

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

INSTRUCTIONS FOR USE

- The paint should be stirred well before use, preferably by means of a mechanical mixer, to ensure homogeneity
- 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

Airless spray

Recommended thinner THINNER 21-06

Volume of thinner 0 - 3%, depending on required thickness and application conditions

Nozzle orifice Approx. 0.53 – 0.69 mm (0.021 – 0.027 in)

Nozzle pressure

12.0 - 15.0 MPa (approx. 120 - 150 bar; 1741 - 2176 p.s.i.)

Brush/roller

• Only for touch-up and repair

Recommended thinner THINNER 21-06

Volume of thinner

0 - 3%

Cleaning solvent

THINNER 21-06

ADDITIONAL DATA

Spreading rate and film thickness			
DFT Theoretical spreading rate			
75 µm (3.0 mils)	7.6 m²/l (305 ft²/US gal)		
100 µm (4.0 mils)	5.7 m²/l (229 ft²/US gal)		
150 µm (6.0 mils)	3.8 m²/l (152 ft²/US gal)		



Overcoating interval for DFT up to 150 μm (6.0 mils)						
Overcoating with	Interval	5°C (41°F)	10°C (50°F)	20°C (68°F)	30°C (86°F)	
itself	Minimum	18 hours	12 hours	6 hours	4 hours	
	Refloating - Minimum	24 hours	12 hours	6 hours	4 hours	

Notes:

- The above data are a fair indication for normal dry dockings
- Longer drying times may be necessary at higher DFT and under unfavorable atmospheric conditions

SAFETY PRECAUTIONS

- · For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets
- This is a solvent-borne paint and care should be taken to avoid inhalation of spray mist or vapor, as well as contact between the wet paint and exposed skin or eyes

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

TOXIC HAZARD

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

WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shell life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

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Depending on specific country of application the following versions are available:

Article code	Color	Reference
225899	redbrown	2008002200
230247	brown	2000002200
234164	black	800002200

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