

Description:	<p>HEMPEL'S ANTIFOULING OLYMPIC HI-76600 is a tin free ablative antifouling bottom paint, based on polyamide polymer and containing cuprous oxide. Due to its self-renewing effect this product maintains a continually bio-active surface during its entire life.</p> <p>By providing a constantly active surface during its lifetime, this antifouling is gradually sacrificed in the process. The colour of the system changes in accordance with the colours of the coats applied. Light red 50300 changes to whitish in direct contact with seawater.</p> <p>This product does not contain organotin compounds acting as biocides and complies with the International Convention on the Control of Harmful Antifouling Systems on Ships as adopted by IMO October 2001 (IMO document AFS/CONF/26).</p>
Recommended use:	As an antifouling for maintenance of bottom on vessels operating in global trade and with short idle periods.
Features:	TIN-FREE
Availability:	Subject to confirmation.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	50300 / Light red
Finish:	Flat
Volume solids, %:	65 ± 1
Theoretical spreading rate:	6.5 m ² /l [260.6 sq.ft./US gallon] - 100 micron/4 mils
Flash point:	26 °C [78.8 °F]
Specific gravity:	2.1 kg/litre [17.7 lbs/US gallon]
Surface-dry:	30 minute(s) 20°C/68°F
Through-dry:	4 hour(s) 20°C/68°F
VOC content:	368 g/l [3.1 lbs/US gallon]
	<i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>
APPLICATION DETAILS:	
Application method:	Airless spray / Brush see REMARKS overleaf
Thinner (max.vol.):	08080 (5%) / 08080 (5%)
Nozzle orifice:	0.023 - 0.027 "
Nozzle pressure:	250 bar [3625 psi] (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S THINNER 08080
Indicated film thickness, dry:	100 micron [4 mils] (see REMARKS overleaf)
Indicated film thickness, wet:	150 micron [6 mils]
Overcoat interval, min:	According to specification.
Overcoat interval, max:	According to specification.
Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Safety Data Sheets and follow all local or national safety regulations.

SURFACE PREPARATION:	Existing antifouling: Remove possible oil and grease etc. with suitable detergent, followed by high pressure fresh water cleaning for a thorough removal of any possible weak structure of leached antifouling. Allow the surface to dry before coating. Sealer: Whether to use a sealer coat/tiecoat or not depends on the type and condition of the existing antifouling.
APPLICATION CONDITIONS:	The surface must be completely clean and dry at the time of application and its temperature must be above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	According to specification. Recommended systems are: HEMPATEX ALUMINIUM 16300. Thick layers of chlorinated rubber primers may cause fine cracking of the antifouling.
SUBSEQUENT COAT:	None. At later redocking direct overcoating - after a very proper cleaning and a thorough removal of possible loose outer layer - can as a general rule only take place with itself or similar ablative antifouling. For other antifouling measures of different kinds will be necessary, contact nearest Hempel Office. After the high pressure fresh water cleaning of the old ablative antifouling it is essential that it becomes through dry before painting.
REMARKS:	This product contains heavy particles. Stir well before use.
Certificates/Approvals:	EPA Registration Number: 10250-42
Film thicknesses/thinning:	May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and overcoating interval. Normal range dry is: 60-100 micron/2.4-4 mils . In case of multi-coat application, drying time and minimum overcoating interval will be influenced by the number of coats and by thickness of each coat applied - reference is made to the corresponding painting specification. May be applied in a dry film thickness up to: 150 micron/6 mils per coat. This will require extra drying time. Recommended total max dft.: approx 300 micron/12 mils. Keep thinning to a minimum to ensure that correct film thickness is obtained.
Undocking:	Minimum undocking time depends on drying condition of the paint film, corresponding painting specification gives further information. It is recommended to apply one coat only for possible outfitting, remaining layer(s) before delivery. If the full system is applied before launching, the paint film may show mud cracking by drying out at a delivery dry-docking. Usually this have no negative influence on later performance.
Overcoating note:	Recommended number of coats: As per specification depending on existing hull condition, trading pattern, and intended service life. No maximum recoat interval, but after prolonged exposure to polluted atmosphere, remove accumulated contamination by high pressure fresh water cleaning and allow to dry before applying next coat.
Note:	HEMPEL'S A/F OLYMPIC HI 76600 For professional use only.
ISSUED BY:	HEMPEL A/S 7660050300

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on www.hempel.com. Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.

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