



HEMPEL'S A/F GLOBIC NCT 8195N

Description: HEMPEL'S ANTIFOULING GLOBIC NCT 8195N is a high solids, self-smoothing and self-polishing antifouling. It is based on nanocapsule acrylate binder technology. Self-polishing is controlled by sea waters interaction with the core-shell structure of the nanocapsules. An inorganic fibre reinforcement ensures mechanical strength.
A powerful bioactive mixture and its self-renewing effect makes it suitable for protection on deep-sea vessels.
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).

Recommended use: As an antifouling for bottom and boottop on vessels operating in deep sea trade at medium to high speed and high activity with short idle periods.
HEMPEL'S ANTIFOULING GLOBIC NCT 8195N is especially developed for new-buildings.
Aluminium hulls: see REMARKS overleaf.

Availability: Part of Group Assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

Shade nos/Colours: 58000* / Red.
Finish: Flat
Volume solids, %: 55 ± 1
Theoretical spreading rate: 5.5 m²/l [220.6 sq.ft./US gallon] - 100 micron/4 mils
Flash point: 28 °C [82.4 °F]
Specific gravity: 1.9 kg/litre [15.8 lbs/US gallon]
Dry to touch: 4 - 5 hour(s) 20°C/68°F
VOC content: 388 g/l [3.2 lbs/US gallon]

**other shades according to assortment list.*

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.

APPLICATION DETAILS:

Application method: Airless spray see REMARKS overleaf
Thinner (max.vol.): 08080 (5%)
Nozzle orifice: 0.027 - 0.031 "
Nozzle pressure: 270 [3915 psi]
(Airless spray data are indicative and subject to adjustment)
HEMPEL'S THINNER 08080
Cleaning of tools: HEMPEL'S THINNER 08080
Indicated film thickness, dry: 100 micron [4 mils] see REMARKS overleaf
Indicated film thickness, wet: 175 micron [7 mils]
Recoat interval, min: According to specification.
Recoat 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.



HEMPEL'S A/F GLOBIC NCT 8195N

APPLICATION CONDITIONS:	Apply only on a dry and clean surface with a temperature 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: HEMPADUR 45182
SUBSEQUENT COAT:	None, or as per specification.
REMARKS:	This product contains heavy particles. Stir well before use. By providing a constantly active surface during its lifetime, this antifouling is gradually sacrificed in the process.
Colours/Colour stability:	The ANTIFOULING's are never tinted and as the high load of cuprous oxide influences the shade a certain variation from batch to batch is allowable. Exposure to humid weather shortly after application is likely to cause discolouration. This is a surface phenomenon only and has no influence on performance nor recoatability.
Aluminium hulls:	May be specified on aluminium hulls provided an efficient anticorrosive system in minimum 2 coats of 150 micron/6 mils each has been applied. The anticorrosive system must stay intact during service in order to avoid corrosion of the aluminium caused by the cuprous oxide content of the Paint.
Application equipment:	Standard airless heavy-duty spray equipment: Pump ratio: min 45:1 (see Note below) Pump output: min 12 litres/minute (theoretical) Spray hoses: max 15 metres/50 feet, 3/8" internal diameter; max 3 metres/10 feet, 1/4" internal diameter Note: If longer spray hoses are necessary, up to 50 metres/150 feet hose (1/2" internal diameter) can be added. The pump ratio must be raised to 60:1 or more, however, the high output capacity of the pump must be maintained. A reversible nozzle is recommended. Filter: Surge tank filter and tip filter should be removed.
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 recoating interval. Normal range dry is: 80-150 micron/3.2-6 mils
Undocking:	Precautions must be made taking this into account during e.g. out docking. Minimum undocking time depends on number of coats applied, film thickness, the prevailing temperature and the subsequent exposure/service conditions. For further information, please consult the corresponding painting specification. Maximum undocking time depends on the atmospheric conditions (UV radiation, temperature, degree of atmospheric pollution, etc.). Exposure to the atmosphere in up to 6 months normally presents no problems but extraordinary contamination may call for a freshwater high pressure hosing - contact Hempel.
Recoating note:	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. As for other physically drying paints the final hardness will be obtained a few days after application of the last coat.
Nota:	HEMPEL'S A/F GLOBIC NCT 8195N For professional use only.
ISSUED BY:	HEMPEL A/S 8195N58000

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.

The Products are supplied and all technical assistance is given subject to HEMPEL's GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise. Product data are subject to change without notice and become void five years from the date of issue.