

HEMPEL MARINE / PROTECTIVE COATINGS (Product Types and Description)

HEMPADUR 15400

Description: is a two-component, amine adduct cured epoxy paint, which cures to a coating with excellent resistance to a wide range of chemicals as tabulated in separate CARGO PROTECTION GUIDE.

Area of use: as a tank lining.

Segment: Marine

[Download product datasheet PDS_15400.pdf](#)

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HEMPADUR 15500

Description: is a two-component, amine adduct cured phenolic epoxy (novolac) paint, which cures to a coating with excellent resistance to a wide range of chemicals as tabulated in separate CARGO PROTECTION GUIDE.

Area of use: as a tank lining.

Segment: Marine; Protective; Super yacht

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HEMPADUR 15553

Description: is a two-component polyamide adduct-cured epoxy paint. It cures to a flexible, well adhering coating with good abrasion and impact resistance. Contains zinc phosphate. Cures down to -10°C/14°F.

Area of use: as a primer for HEMPATEX, HEMPADUR and HEMPATHANE systems on hot dipped galvanized surfaces, aluminum and stainless steel in moderately corrosive environments. HEMPADUR 15553 is also suited when roughening of the surface is not possible.

Segment: Marine; Protective; Container; Super yacht

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HEMPADUR 15570

Description: 15570 is a two component, polyamide adduct cured epoxy paint, which cures to a strong and highly corrosion resistant coating, at temperatures down to -10°C/14°F. The Micaceous Iron Oxide pigmented light grey 12430 quality is also well suited for application under humid conditions, on damp steel surfaces, and may be applied on moist surfaces.

Area of use: 1. As a maintenance and repair primer, intermediate, and/or finishing coat in HEMPADUR systems in severely corrosive environment. As a finishing coat where a cosmetic appearance is of less importance. 2. As a low temperature curing epoxy primer, intermediate, and/or finishing coat in paint systems according to specification. Well suited as a (blast) primer in coal tar epoxy systems.

Segment: Marine; Protective; Super yacht.

[Download product datasheet PDS_15570.pdf](#)

[Download application instructions PDS_15570-ai.pdf](#)

HEMPADUR 15590

Description: is a two-component epoxy primer coating especially for use on surfaces exposed to severe abrasion.

Area of use: as a blast primer for heavy-duty epoxy systems according to specification. For use at temperatures of 5°C/41°F, preferably 10°C/50°F or higher.

Segment: Marine; Protective

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HEMPADUR 17630/17633

Description: medium to high temperatures: 17630 with CURING AGENT 97330 Low to medium temperatures: 17633 with CURING AGENT 98420 is a two-component, high-build, polyamide adduct-cured epoxy paint which cures to a hard and tough coating with good resistance to abrasion, seawater and crude oils.

Area of use: as a self primed coating for ballast water tanks and similar. As a primer for epoxy systems for atmospheric or in-water service. Suitable for application down to -

10°C/ 15°F. HEMPADUR 17633 is intended for use in cold/temperate climates, HEMPADUR 17630 is intended for use in temperate to warm climates.

Segment: Marine.

[Download product datasheet PDS_17630-17633.pdf](#)

[Download application instructions PDS_17630-17633-ai.pdf](#)

HEMPADUR 45080/45083

Description: is a high-build, modified, two-component epoxy paint, which cures to a coating with good resistance to water, splashes of mineral oils, aliphatic hydrocarbons, and to abrasion and impact. Limited resistance to aromatic and stronger solvents, and to acids and oxidizing materials.

Area of use: as an intermediate coat with no maximum recoating interval in HEMPADUR/ HEMPATANE systems. CURING AGENT 95010, polyamide, is typically for use above 10°C/50°F, CURING AGENT 97480, polyamide adduct, facilitates curing down to - 10°C/14°F.

Segment: Marine; Protective.

[Download product datasheet PDS_45080-45083.pdf](#)

HEMPADUR 45141/45143

Description: high temperatures: 45141 with CURING AGENT 97820 Low to medium temperatures: 45143 with CURING AGENT 97430 is a two-component, polyamide adduct cured epoxy paint with good wetting properties and low water permeability. It is self priming and forms a hard and tough coating which has good resistance against abrasion and impact as well as to seawater, mineral oils, aliphatic hydrocarbons and splashes from petrol and related products. Harmless to grain cargoes.

Area of use: 1. As a high build primer, intermediate and/or finishing coat in (heavy duty) paint systems according to specification. (As a finishing coat where a cosmetic appearance is of less importance). 2. For repair and maintenance work at application temperatures above -10°C/14°F on hatch covers, decks, in cargo holds, etc. 3. As a ballast tank coating. HEMPADUR 45143 is intended for use in cold/temperate climates, HEMPADUR 45141 for warmer climates.

Segment: Marine; Protective; Super yacht.

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HEMPADUR 45182

Description: is a two-component, low-temperature curing, modified polyamide adduct cured epoxy.

Area of use: for marine and protective use as a "tie coat" between epoxy and physically drying coatings. For marine use also as a "sealer" of old antifouling.

Segment: Marine; Protective; Super yacht.

[Download product datasheet PDS_45182.pdf](#)

HEMPADUR 85671

Description: is a two-component, amine adduct cured phenolic epoxy (novolac) coating with very good adhesion and high temperature, water and chemical resistance.

Area of use: as an interior lining in tanks, pipelines etc. for hot water, brine, crude oil, etc. For coating of potable water tanks. As a primer coat in specific painting systems.

Segment: Marine; Protective; Super yacht

[Download product datasheet PDS_85671.pdf](#)

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HEMPADUR FIBRE 47601/47603

Description: is a two-component, high-build, polyamide adduct-cured epoxy paint, which cures to a hard and tough abrasion resistant anticorrosive coating. Reinforced with inorganic fibers.

Area of use: for ballast water tanks and similar areas. HEMPADUR FIBRE 47603 is intended for use in cold/temperate climates and for in-shop applications, where fast handling is required, HEMPADUR FIBRE 47601 is intended for use in temperate to warm climates. Reddish-grey aluminium shade (19530) can advantageously be used as first coat.

Segment: Marine.

[Download product datasheet PDS_47601-47603-ai.pdf](#)

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HEMPADUR FILLER 35250

Description: is a two-component, solvent-free, epoxy filler, which - when fully cured - is resistant to water, aliphatic hydrocarbons, and related products. Can be applied in thick coats up to approximately 5 mm without runs or sags.

Area of use: 1. As filler for metals, hardwood, and other rigid materials. 2. For filling of pinholes in weldings and similar irregularities in steel work not later exposed to strong chemicals.

Segment: Marine, Protective.

[Download product datasheet PDS_35250.pdf](#)

HEMPADUR MASTIC 45880/45881

Description: High temperatures: 45881: BASE 45889 with CURING AGENT 95881 Low to medium temperatures: 45880: BASE 45889 with CURING AGENT 95880 is a two-component polyamide adduct cured, high solids, high build epoxy paint. It forms a hard and tough coating and has good wetting properties. Low temperature curing. HEMPADUR MASTIC 45880/45881 is a two-component polyamide adduct cured, high solids, high build epoxy paint. It forms a hard and tough coating, has good wetting properties and low temperature curing.

Area of use: as a self primed, surface tolerant paint system or as an intermediate or finishing coat in heavy duty paint systems where low VOC and high film build are required. Multipurpose coating as per specification for maintenance including ballast tanks and underwater hull and new steel in those cases, where a need for few products outweighs more specialized coatings. Can be specified where extended recoating properties for polyurethane topcoats are requested (typically travel coating). May be used directly on cured zinc silicate (GALVOSIL products) or spray-metallized surfaces to minimize popping. As a topcoat where the usual outdoor cosmetic appearance of epoxy paints is acceptable.

Segment: Marine; Protective; Super yacht

[Download product datasheet PDS_45880-45881.pdf](#)

[Download application instructions PDS_45880-45881-ai.pdf](#)

HEMPADUR MULTI-STRENGTH 35530

Description: is a solvent-free, two-component, high-build, polyamine cured epoxy paint, which cures to a coating with good resistance to fresh water, sea water, crude oil, and to abrasion. Applicable in thick coats by standard heavy duty airless spray equipment. Harmless to grain cargo.

Area of use: 1. As a heavy-duty coating on steel exposed to abrasion where solvent-free materials are required. Full colour retention will be of secondary importance. If solvent containing paints are accepted, HEMPADUR MULTI-STRENGTH 45751 substitutes. 2. As a lining in potable water tanks and pipelines.

Segment: Marine; Protective; Super yacht

[Download product datasheet PDS_35530.pdf](#)

[Download application instructions PDS_35530-ai.pdf](#)

HEMPADUR MULTI-STRENGTH 45751/45753

Description: is a solvent-free, two-component, high-build, polyamine cured epoxy paint, which cures to a coating with good resistance to fresh water, sea water, crude oil, and to abrasion. Applicable in thick coats by standard heavy-duty airless spray equipment. Harmless to grain cargo.

Area of use: 1. As a heavy-duty coating on steel exposed to abrasion where solvent-free materials are required. Full colour retention will be of secondary importance. If solvent containing paints are accepted, HEMPADUR MULTI-STRENGTH 45751 substitutes. 2. As a lining in potable water tanks and pipelines.

Segment: Marine; Protective; Super yacht.

[Download product datasheet PDS_45751-45753.pdf](#)

[Download application instructions PDS_45751-45753-ai.pdf](#)

HEMPADUR MULTI-STRENGTH GF 35870

Description: is an amine-adduct cured epoxy coating - the product is reinforced with Glass flakes. It is a hard, impact and abrasion resistant coating.

Area of use: as a self-primed, high build coating primarily for areas subject to abrasion and/or to a highly corrosive environment. E.g. splash zones, jetty pilings and working decks.

Segment: Marine, Protective

[Download product datasheet PDS_35870.pdf](#)

HEMPADUR UNIQ 47741/47743

Description: is a self-priming, two-component, high-build, pure epoxy paint, polyamide/amine cured. Abrasion and corrosion resistant.

Area of use: as a universal primer or self-primed high performance coating system for atmospheric or in-water service. It provides the possibility of reducing the number of primers for new building. HEMPADUR UNIQ 47741 is intended for use in warm climates above 10°C/50°F. HEMPADUR UNIQ 47743 is intended for use in cold climates down to -10°C/14°F.

Segment: Marine.

[Download product datasheet PDS 47741-47743.pdf](#)

[Download application instructions PDS 47741-47743-ai.pdf](#)

HEMPADUR ZINC 17360

Description: is a two-component, zinc rich epoxy primer. It cures to a hardwearing and highly weather-resistant coating. Offers cathodic protection of local mechanical damage.

Area of use: as a "V.O.C.-compliant", versatile, long-term primer on steel for epoxy, vinyl and acrylic coating systems in medium to severely corrosive environments.

Segment: Marine; Protective.

[Download product datasheet PDS 17360.pdf](#)

HEMPALIN DANREX 52360

Description: is a versatile, alkyd-based, economy paint with fairly good penetration into rough and porous substrate. Harmless to grain cargo.

Area of use: 1. As a self-primed paint system on interior steel and woodwork, e.g. in dry cargo holds. 2. As a primer for alkyd-based paint systems in mild environment.

Segment: Marine

[Download product datasheet PDS 52360.pdf](#)

HEMPALIN DECKPAINT 53240

Description: is a quick-drying, styrenated alkyd paint. Hardwearing and resistant to sunlight, salt water, and to oil splashes, but not to aromatic hydrocarbons, such as certain types of petrol (gasoline).

Area of use: as a general purpose finishing coat, interior and exterior, on steel decks, stairways, catwalks, etc., in mildly to moderately corrosive environment.

Segment: Marine

[Download product datasheet PDS_53240.pdf](#)

HEMPALIN ENAMEL 52140

Description: is a glossy alkyd enamel which forms a weather resistant coating. It is flexible and resistant to salt water and spillage of mineral oil and other aliphatic hydrocarbons

Area of use: as a general purpose finishing coat in alkyd systems on exterior and interior steel and woodwork in mildly to moderately corrosive environment. As a finishing coat in engine rooms including tanktops, main engines and auxiliary machinery.

Segment: Marine; Protective.

[Download product datasheet PDS_52140.pdf](#)

HEMPALIN ENAMEL HI-BUILD 52220

Description: is an alkyd paint, which can be applied in high film thickness by airless spray.

Area of use: as a finishing coat in HEMPALIN Systems on interior and exterior steel in mildly to moderately corrosive environment. For new building specifications.

Segment: Marine

[Download product datasheet PDS_52220.pdf](#)

HEMPALIN PRIMER 12050

Description: is a relatively quick-drying, zinc phosphate primer, based on long oil alkyd and urethane alkyd.

Area of use: General-purpose primer for HEMPALIN systems for protection of steel in mild to medium atmospheric corrosive environments.

Segment: Marine.

[Download product datasheet PDS_12050.pdf](#)

HEMPALIN PRIMER HI-BUILD 13200

Description: is a quick-drying, urethane-modified alkyd primer with zinc phosphate, rust-inhibiting pigments.

Area of use: General-purpose primer for HEMPALIN systems for protection of steel in mild to medium atmospheric corrosive environments. For new building specifications.

Segment: Marine.

[Download product datasheet PDS_13200.pdf](#)

HEMPALIN UNDERCOAT 42460

Description: is a fairly quick-drying alkyd paint.

Area of use: as a general purpose undercoating in alkyd paint systems on exterior and interior steelwork, wood, plaster, etc. in mildly to moderately corrosive environment.

Segment: Marine.

[Download product datasheet PDS_42460.pdf](#)

HEMPASIL 77100

Description: is a copper free, biocide free, two-component, silicone fouling release coating with a high solids content. The product is based on silicone and cures after addition of HEMPASIL CROSSLINKER 97080. It provides a smooth, low surface energy; hydrophobic surface with special surface release properties whereby fouling settlement is minimized. The surface properties facilitate self-cleaning and provide easy clean characteristics. The coating may accumulate some fouling under static conditions (idle periods).

Area of use: as a fouling release coating for High Speed Craft (HSC), powerful commercial and military vessels (such as fast ferries, patrol and coast guard vessels, high speed monohulls, wave piercers, hydrofoils etc.) with service speeds in excess of 25 knots and with medium to high activity. HEMPASIL 77100 will typically be used in cases where a full new F/R system is to be applied or for recoating of existing F/R system.

Segment: Marine.

[Download product datasheet PDS_77100.pdf](#)

HEMPASIL 77500

Description: is a biocide free, two-component, silicone fouling release coating with a high solids content. The product is based on silicone and cures after addition of HEMPASIL CROSSLINKER 97080. It provides a smooth, low surface energy, hydrophobic surface with special surface release properties whereby fouling settlement is minimized. The coating may foul under static conditions (idle periods).

Area of use: as a fouling release coating for deep sea, high activity scheduled vessels with service speed in the 15-30-knot range, e.g. container vessels, ferries, cruise liners, LNG/LPG carriers, vehicle carriers etc. May be used on top of old, non-F/R systems according to special procedure.

Segment: Marine.

[Download product datasheet PDS_77500.pdf](#)

HEMPASIL HELIX 77000

Description: is a biocide free, two-component, high solids fouling release coating based on silicone. HEMPASIL HELIX 77000 provides a smooth, low surface energy; hydrophobic surface with special surface release properties whereby fouling settlement is minimized. The coating may foul under static conditions (idle periods).

Area of use: HEMPASIL HELIX 77000 is designed specially for application on propellers and rudders

Segment: Marine.

[Download product datasheet PDS_77000.pdf](#)

HEMPASIL NEXUS 27302

Description: is a high solid three-component silicone based product.

Area of use: as a tie coat for the HEMPASIL FOULING RELEASE System, securing adhesion between the anticorrosive system and the Hempasil Fouling Release topcoat.

Segment: Marine.

[Download product datasheet PDS_27302.pdf](#)

HEMPATEX ENAMEL 56360

Description: is a finishing coat based on acrylic resin and non-chlorinated plasticizer for optimum gloss and colour retention. Physically drying. Resistant to salt water, splashes of aliphatic hydrocarbons and animal and vegetable oils.

Area of use: as an interior and exterior finishing coat in HEMPATEX systems in moderately to severely corrosive environment.

Segment: Marine; Protective.

[Download product datasheet PDS_56360.pdf](#)

HEMPATEX HI-BUILD 46330

Description: is based on chlorinated rubber. Physically drying. Resistant to salt water, splashes of mineral oils, aliphatic solvents and a wide range of chemicals, but not to animal and vegetable oils or aromatic solvents.

Area of use: self primed, or as an intermediate or finishing coat on steel structures in moderately to severely corrosive environment, including permanently submerged surfaces.

Segment: Marine.

[Download product datasheet PDS_46330.pdf](#)

HEMPATEX HI-BUILD 46410

Description: is a physically drying high build paint with good colour retention as a semi-flat finish. Based on acrylic resin, alkyd and non-chlorinated plasticizer. Contains zinc phosphate. Resistant to salt water, splashes of aliphatic hydrocarbons, animal and vegetable oils.

Area of use: 1. As a primer, intermediate or finishing coat in HEMPATEX-systems in moderately corrosive environment. 2. As a selfprimed repair and touch-up coating for containers as well as other cases where a fast and economic repair job is desired. 3. As a finishing coat for containers.

Segment: Marine; Protective; Container

[Download product datasheet PDS_46410.pdf](#)

HEMPATHANE ENAMEL 55100

Description: is a two-component, high-gloss acrylic polyurethane enamel with good gloss and colour retention.

Area of use: as a glossy decorative finishing coat on a variety of substrates such as steel, aluminum, glassfibre, reinforced polyester, plywood, hardwood etc. in severely corrosive atmospheric environment. Minimum temperature for curing is -10°C/14°F. For new building specifications.

Segment: Marine, Protective

[Download product datasheet PDS_55100.pdf](#)

HEMPATHANE TOPCOAT 55210

Description: is a two-component, semi-gloss acrylic polyurethane coating with good gloss and colour retention.

Area of use: as a finishing coat for protection of structural steel in severely corrosive atmospheric environment, where light-fastness and gloss retention are required. Minimum temperature for curing is -10°C/14°F.

Segment: Marine; Protective; Container

[Download product datasheet PDS_55210.pdf](#)

HEMPAXANE 55000

Description: is a two-component, high-solids, high-gloss, polysiloxane enamel with excellent gloss and colour retention.

Area of use: as an isocyanate free glossy decorative and protective finishing coat for new steel structures in severely corrosive atmospheric environment. Minimum temperature for curing is 0°C/32°F.

Segment: Marine; Protective.

[Download product datasheet PDS_55000.pdf](#)

[Download application instructions PDS_55000_ai.pdf](#)

HEMPEL'S ANTI-SLINT 67500

Description: is flame dried silica sand of which the average particle size is approximately 0.5 millimetre.

Area of use: to obtain anti-skid properties on decks and other areas where a skid-proof surface is required.

Segment: Marine; Protective

[Download product datasheet PDS_67500.pdf](#)

HEMPEL'S ANTI-SLIP BEADS 67420

Description: are hollow, aluminum silicate spheres ("glass pearls") of diameters between 5 and 200 micron.

Area of use: to obtain anti-skid properties on decks and other areas where a skid-proof surface is required. To be mixed with the paint before application.

Segment: Marine.

[Download product datasheet PDS_67420.pdf](#)

HEMPEL'S ANTIFOULING GLOBIC NCT 8190M

Description: is a high solids, self-smoothing and self-polishing antifouling. It is based on nanocapsule acrylate binder technology. Self-polishing is controlled by seawaters 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 in the severe fouling conditions of coastal waters. 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).

Area of use: as an antifouling for bottom and boottop on vessels operating in coastal trade at low to medium speeds and low to medium activity. HEMPEL'S ANTIFOULING GLOBIC NCT 8190M is especially developed for maintenance and repair.

Segment: Marine; Super yacht

[Download product datasheet PDS_8190M.pdf](#)

HEMPEL'S ANTIFOULING GLOBIC NCT 8195M

Description: 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).

Area of 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 8195M is especially developed for maintenance and repair.

Segment: Marine.

[Download product datasheet PDS_8195M.pdf](#)

HEMPEL'S ANTIFOULING GLOBIC NCT 8195N

Description: is a high solid, 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).

Area of 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.

Segment: Marine.

[Download product datasheet PDS_8195N.pdf](#)

HEMPEL'S ANTIFOULING GLOBIC SAP 81970

Description: is a high solids, tin-free, self-smoothing and self-polishing antifouling. Polishing is based on an ion exchange, resulting in a hydrolysable activated layer. An inorganic fibre reinforcement of the resin matrix ensures effective polishing control and mechanical strength. A powerful bioactive mixture and its self-renewing effect makes it suitable for protection on deep-sea vessels. The system provides a certain control of roughness. 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).

Area of use: as a tin-free antifouling for bottom and boottop especially on vessels operating at medium to high speed and high activity with short idle periods and with long dry-docking intervals, e.g. container vessels, LNG's and car carriers.

Segment: Marine.

[Download product datasheet PDS_81970.pdf](#)

HEMPEL'S ANTIFOULING OCEANIC 8490K

Description: is a high solids, self-smoothing and self-polishing antifouling. Polishing is based on an ion exchange, resulting in a hydrolysable activated layer. An inorganic fibre reinforcement of the resin matrix ensures effective polishing control and mechanical strength. A powerful bioactive mixture and its self-renewing effect makes it suitable for protection on vessels trading in coastal waters. The system provides a certain control of roughness. 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).

Area of use: as a cost effective antifouling for bottom and boottop on vessels operating in coastal trade at low to medium speeds and low to medium activity and with dry-docking interval of up to 36 months on vertical sides and up to 60 months on flat bottom.

Segment: Marine.

[Download product datasheet PDS_8490K.pdf](#)

HEMPEL'S ANTIFOULING OCEANIC 8495K

Description: is a high solids, tin-free, self-smoothing and self-polishing antifouling. Polishing is based on an ion exchange, resulting in a hydrolysable activated layer. An inorganic fibre reinforcement of the resin matrix ensures effective polishing control and mechanical strength. A powerful bioactive mixture and its self-renewing effect makes it suitable for protection on deep-sea vessels. The system provides a certain control of roughness. 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).

Area of use: as a cost effective tin-free antifouling for bottom and boottop on deep-sea going vessels operating at medium to high speed and high activity with short idle periods, and with dry-docking interval of up to 36 months on vertical sides and up to 60 months on flat bottom.

Segment: Marine.

[Download product datasheet PDS_8495K.pdf](#)

HEMPEL'S ANTIFOULING OLYMPIC 86950

Description: is a high solids, tin-free, self-polishing antifouling with optimum active ingredients. An inorganic fibre content ensures polishing control and mechanical strength. 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).

Area of use: as an economical antifouling for bottom and boottop on deep-sea operating vessels operating at medium to high speed and high activity with short idle periods, and with drydocking interval of up to 36 months.

Segment: Marine.

[Download product datasheet PDS_86950.pdf](#)

HEMPEL'S BALLAST COAT SH 10880

Description: is a semi-hard, one-component, surface-tolerant, high-build coating. It is flexible, water resistant and corrosion preventing.

Area of use: for short to medium-term repair and maintenance of ballast tanks, cofferdams and void spaces under conditions where abrasive blast cleaning is not feasible. Resistant to cathodic protection by sacrificial anodes. Resistant to foot traffic during survey of tanks, but not to continuous mechanical stress.

Segment: Marine.

[Download product datasheet PDS_10880.pdf](#)

HEMPEL'S GALVOSIL 15700

Description: is a two-component, solvent-borne, self-curing, inorganic zinc silicate with outstanding resistance against weathering and abrasion. It has excellent chemical resistance within the pH range 6-9. For service temperature range, see technical data sheet. Applicable by airless spray. Offers cathodic protection of local mechanical damage.

Area of use: 1. As a general purpose, heavy-duty, rust-preventing primer. 2. As a single, complete coating for long-term protection of steel exposed to moderately to severely corrosive environment and to abrasion. 3. As a tank lining in accordance with the CARGO PROTECTION GUIDE.

Segment: Marine; Protective.

[Download product datasheet PDS_15700.pdf](#)
[Download application instructions PDS_15700-ai.pdf](#)

HEMPEL'S GALVOSIL 15780

Description: is a two-component, medium-zinc, solvent-borne, self-curing inorganic zinc silicate coating. Applicable by airless spray.

Area of use: as a general purpose rust-preventing primer in "high-build" paint systems for long-life protection of steel exposed to moderately to severely corrosive environment.

Segment: Marine.

[Download product datasheet PDS_15780.pdf](#)
[Download application instructions PDS_15780-ai.pdf](#)

HEMPEL'S HI-VEE 56540

Description: is a non-hiding, but strongly daylight reflecting acrylic paint with fluorescent pigments which give intense colour impression and high visibility (HI-VEE). It has no effect in darkness, and it needs HEMPEL'S HI-VEE LACQUER 06520 on top in order to improve the light fastness.

Area of use: for life-saving equipment and for warning purposes such as protruding or moving objects, etc.

Segment: Marine.

[Download product datasheet PDS_56540.pdf](#)

HEMPEL'S HI-VEE LACQUER 06520

Description: is a non-yellowing, clear varnish based on acrylic resin dissolved in white spirit. Physically drying. The inclusion of a UV absorber serves to protect the preceding paint film against ultraviolet radiation. Further benefits are water and dirt repellent properties.

Area of use: for protection of HEMPEL'S HI-VEE 56540, especially in outdoor exposure, to maintain the high visibility (HI-VEE) of the fluorescent effect. Not recommended for surfaces subject to excessive wear.

Segment: Marine.

[Download product datasheet PDS_06520.pdf](#)

HEMPEL'S MARINE VARNISH 02220

Description: is a quick drying clear urethane alkyd varnish

Area of use: on new wood as well as over previously varnished wood, interior and exterior, above the waterline.

Segment: Marine.

[Download product datasheet PDS_02220.pdf](#)

HEMPEL'S SHOPPRIMER E 15280

Description: is a two-component epoxy polyamide primer, pigmented with zincphosphate rust-inhibiting pigments. It is designed for automatic spray application as well as manual application.

Area of use: 1. As a shopprimer for protection of blastcleaned steel plate and other structural steel during the storage and building period. 2. As an intermediate coat on zinc silicates or metal sprayed surfaces to minimize popping.

Segment: Marine, Protective.

[Download product datasheet PDS_15280.pdf](#)

HEMPEL'S SHOPPRIMER ZS 15890

Description: is a two-component, low-zinc, solvent-borne ethyl silicate shop primer, designed for automatic spray application. Especially suited, where welding (MIG/MAG) and gas-cutting properties are of importance.

Area of use: for short to medium-term protection of blast cleaned steel plates and other structural steel during the storage, fabrication, and construction periods.

Segment: Marine, Protective

[Download product datasheet PDS_15890.pdf](#)

[Download application instructions PDS_15890-ai.pdf](#)

HEMPEL'S SILICONE ALUMINIUM 56910

Description: is a heat resistant aluminum pigmented paint.

Area of use: for long-term protection of hot pipelines, exhaust pipes, smoke stacks and other hot surfaces.

Segment: Marine, Protective

[Download product datasheet PDS_56910.pdf](#)

HEMPEL'S SILICONE ZINC 16900

Description: is a heat resistant zinc pigmented silicone primer. It is air-drying at ambient temperature and resists temperatures up to 400°C/750°F.

Area of use: as a primer for long-time corrosion protection of steel exposed to high temperatures (from 100°C/210°F to 400°C/750°F). For newbuilding specifications.

Segment: Marine, Protective.

[Download product datasheet PDS_16900.pdf](#)

HEMPEL'S SILVIUM 51570

Description: is an oleoresinous general purpose aluminium paint with good light reflection.

Area of use: as a finishing coat on steel and woodwork exterior and interior in mild to moderately corrosive environment where an aluminium surface or light reflection is desired, and/or for moderately hot surface.

Segment: Marine, Protective

[Download product datasheet PDS_51570.pdf](#)

HEMPEL PAINT

Description: is produced and supplied in such a way that thinning is normally not necessary provided the paint is properly mixed/stirred. However, if the paint is to be applied in a low film thickness (for instance as a "sealer coat") or if the paint has become too thick, e.g. in cold weather, the HEMPEL THINNER(s) indicated on the product data sheet may be added to obtain a consistency most suitable for application. As a general rule, thinning should be kept at a minimum, as the quality of the paintwork will suffer from too liberal thinning. However, if application is to take place at high temperatures (air and/or steel), thinning may even be beyond the limits mentioned on the data sheets

exceptionally be necessary in order to avoid dry-spray and poor film formation. HEMPEL'S THINNERS are blended to give the best results with regard to brushability, spray properties, etc. In some cases ordinary solvents may substitute. As such products are beyond our control, we disclaim any responsibility for the results. In each case the respective product data sheet and - when available - the APPLICATION INSTRUCTIONS should be consulted. As regards the use of THINNERS for cleaning of tools, see REMARKS overleaf.

Area of use: see technical data sheet.

Segment: Marine; Protective; Container; Superyacht.

[Download product datasheet PDS_08.pdf](#)

HEMPEL'S TOOL CLEANER 99610

Description: is a blend of strong solvents for cleaning of tools that have been used for mixing or application of two-component epoxy products. It has better cleaning properties than epoxy thinners. Does not contain chlorinated solvent.

Area of use: for cleaning of brushes, paint rollers, spray equipment, and other tools which have been used for mixing or application of HEMPADUR products. Do not use as thinner for any paint.

Segment: Marine; Protective; Container; Superyacht.

[Download product datasheet PDS_99610.pdf](#)

HEMPEL'S UNI-PRIMER 13140

Description: is a quick-drying, one-component, modified epoxy ester primer with zinc phosphate rust-inhibiting pigments.

Area of use: as a versatile primer on steel and metal surfaces for HEMPALIN or HEMPATEX in mild to medium corrosive atmospheric environment. It provides the possibility of reducing the number of primers for maintenance.

Segment: Marine; Protective.

[Download product datasheet PDS_13140.pdf](#)

HEMPEL'S ANTIFOULING GLOBIC NCT 8190N

Description: 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 in the severe fouling conditions of coastal waters. 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)

Area of use: as an antifouling for bottom and boottop on vessels operating in coastal trade at low to medium speeds and low to medium activity. HEMPEL'S ANTIFOULING GLOBIC NCT 8190N is especially developed for new-buildings.

Segment: Marine

[Download product datasheet PDS_8190N.pdf](#)

HEMPEL'S ANTIFOULING OLYMPIC 86900

Description: is a high solids, tin-free, self-polishing antifouling. Polishing is based on an ion exchange, resulting in a hydrolysable activated layer. An inorganic fibre reinforcement of the resin matrix ensures effective polishing control and mechanical strength. 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).

Area of use: as an economical antifouling for bottom and boottop on vessels operating in coastal trade at low to medium speeds and (down to) low to medium activity with short to medium idle periods. Dry-docking interval of up to 36 months.

Segment: Marine

[Download product datasheet PDS_86900.pdf](#)

HEMPEL'S SILICONE CLEANER 99850

Description: is a concentrated alkaline cleaner based on potassium hydroxide, special non-ionic detergents and water.

Area of use: as a cleaning fluid for the HEMPASIL range of products. For removal of silicone contamination on all substrates except for aluminium (see REMARK below) to be recoated, e.g. vessels already coated with HEMPASIL or vessels to be coated with a new coat of HEMPASIL.

Segment: Marine

[Download product datasheet PDS_99850.pdf](#)

HEMPEL'S ZINC PRIMER 16490

Description: is a one-component, high molecular weight, quick drying, phenoxy coating with a high content of zinc.

Area of use: 1. As a protective primer on steel in severely corrosive environment. 2. For repair of GALVOSIL and other zinc rich coatings. 3. For repair of galvanized steel.

Segment: Marine, Protective

[Download product datasheet PDS_16490.pdf](#)

HEMPINOL 10220

Description: is a physically drying, high-build, bituminous coating.

Area of use: for inexpensive short to medium-term anticorrosive protection of interior and exterior steelwork not exposed to direct sunlight. Not resistant to continuous mechanical stress.

Segment: Marine; Protective; Container.

[Download product datasheet PDS_10220.pdf](#)