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NAVADAN BARRIERHOLD 25 LTR

Product group: **023** Product number: **4000186**

Navadan BarrierHold provides a barrier coating between the cargo and cargo hold surfaces making cleaning operations after offloading quicker and easier. The waterborne protective barrier is based on carefully selected polymers and additives.



Product information

Navadan BarrierHold is designed to fill the fine pores of existing hold paint works or coatings, so that it prevents corrosion and stains from dirty and corrosive cargoes. The film is water insoluble once cured, making it suitable for cargoes loaded in a damp or wet conditions or to prevent cargo from sticking to the surface as a result of moisture build-up during the voyage.

After discharging and cleaning of last cargo, left-over Navadan Barrierhold are easily removed by use of an alkaline cleaner (Navadan CleanHold or Unitor Cargoclean HD).

Features

- Water resistant cargo hold barrier
- Provides temporary protection against corrosion
- Water based – free from hydrocarbon solvents
- Supplied in a ready-to use concentration and may be applied directly from the drum.

Benefits

- Saves cleaning time and cleaning chemicals
- Excellent adhesion to all surfaces
- Prevents difficult cargo from adhering to the coating
- Ideal when cleaning after humid and corrosive cargoes as sulphur, salt etc.
- Safe on all coatings

Specification

General

Invent Hazard Material (IMO/EU) classification	C-49
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Physical properties

Appearance	Milky white to transparent, slightly viscous liquid
Density [g/ml]	1.00-1.03
pH	8-9

Approvals

Complies to Marpol V

Documents

[SDoC and MD for IHM](#)

[SDoC and MD](#)

[Wilhelmsen Cargo Hold Cleaning Quick Guide_Digital](#)

Directions for use

How it Works After drying, Navadan BarrierHold creates a thin, non-sticky film on the cargo hold surfaces. The film substantially facilitates the cleaning before next cargo in two ways:

The film fills the minute pores in the surface, and prevents that small particles are trapped in the pores.

Small, solid particles can be very difficult to remove especially from organic coatings, even with the use of effective cleaning agents and high-pressure water jets. The reason is the buildup of electromagnetic forces, and sometimes the only way to remove the particles is by scrubbing. Navadan BarrierHold provides a barrier between the particles and the surface that minimizes this problem.

To remove and avoid re-deposition of contaminants a solution of Navadan CleanHold, should be used, but at lower dosage rates than what is normally required. Navadan BarrierHold may also be sprayed on deck, superstructure and other areas exposed to dust during loading and unloading operations.

Direction for Use and Dose Rates The cargo hold surfaces should be as clean and dry as possible before application. Navadan BarrierHold is supplied in a ready to use concentration and may be applied directly from the drum. Spray the liquid on the cargo hold surfaces by the use of suitable low pressure spraying equipment. As soon as the surface appears water wet, a proper film is created; do not apply more than necessary.

1 liter Navadan BarrierHold will cover around 10~20 m². Allow the film to dry completely before loading the cargo. Depending on humidity, ambient and surface

temperature, drying time will vary generally 1-2 hours.

After discharging and cleaning the last carried cargo, if a film of Navadan BarrierHold is still present on the cargo hold sides or tank top, it **must be** removed using an alkaline cleaner. We recommend applying a 5% solution of Navadan CleanHold in water for this purpose, followed by a final freshwater rinse. We recommend that Navadan BarrierHold is only applied when outside temperature is above 5°C.

To determine the correct cleaning procedure, consult Wilhelmsen Tank and Hold Cleaning Specialist Center or refer to Wilhelmsen's 'Cargo Hold Quick Cleaning Guide' and Safety Data Sheets depending on the cargo carried.

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