

# NAVADAN BARRIERHOLD 25 LTR

Product group: **024** 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 coatings so that it prevents corrosion and stains from dirty and corrosive cargoes. It creates a thin film of coating, preventing cross contamination between the cargo and the hold coat.

### Features

- Water resistant cargo hold barrier
- Safe on all coatings

### Benefits

- Saves cleaning time and cleaning chemicals
- Excellent adhesion to all surfaces
- Prevents difficult cargo from adhering to the coating
- Ideally applied before loading coal and pettcoke or humid and corrosive cargoes

## Specification

### General

Invent Hazard Material (IMO/IU) 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](#)

## 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 m<sup>2</sup>. 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, apply a 2~5% solution of Navadan CleanHold in water to avoid re-deposition of contaminants, and finally flush with clean freshwater. We recommend that Navadan BarrierHold is only applied when outside temperature is above 5°C

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**2009026**

NAVADAN ESSENTIAL KIT

**2009027**

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