

HoldShield

Description

PROTECTIVE COATINGS

Product Code: 130001

PROTECTIVE BARRIER FILM ON CARGO HOLD SURFACES

- Ideal for Challenging Cargoes: Protects against petcoke, coal, pencil pitch, coke, cement, ores, minerals, feedstock, and other difficult cargoes
- Corrosion Protection: Provides temporary protection against corrosion
- Efficient Cleaning: Saves time and cleaning chemicals
- Safe for Coatings: Compatible with all coatings
- Easy to Apply: No special surface preparation, spraying equipment, or mixing required
- Residue-Free: Rinses off with water, leaving no residue
- Facilitates Cargo Removal: Helps remove cargo residues during rinsing
- Versatile Application: Suitable for use with most equipment
- Safe for Use: Safe to use in occupied areas
- Composition conforming to MARPOL ANNEX V

APPLICATION AREAS PROBLEMS SOLVED

Cargo holds	Formation of cargo stains / footprints
	Metal corrosion
	Consumption of cleaning chemicals
	Prolonged cleaning time and downtime

DESCRIPTION

HoldShield is a specialized product designed to minimize costs and labor associated with discharging challenging cargoes like petcoke, coal, pencil pitch, coke, cement, ores, minerals, feedstock, and other difficult materials. Its application helps to maintain cargo holds in a clean condition, often referred to as "grain clean."

This water-based liquid product forms a thin, temporary, non-sticky film on cargo hold surfaces. This film acts as a barrier between the cargo and the cargo hold, facilitating quicker and easier cleaning after unloading and ensuring optimal cleaning results. Notably, it can be used in cargo holds transporting foodstuffs without contaminating the cargo. **HoldShield** is both environmentally friendly and safe for personnel handling it.

HoldShield is non-corrosive and compatible with all coatings. For highly corrosive cargoes like sulfur and salt, a more resistant formulation, [HoldShield Plus](#), is recommended. For easy shipping and handling, [HoldShield Concentrate](#) is also available.

APPLICATION

HoldShield acts as a barrier and release agent between the cargo hold surface and the next cargo. It should be applied to clean surfaces. Additionally, it can be sprayed on the superstructure and other areas exposed to dust during loading and unloading operations. However, caution is needed while it is still wet, due to its slippery nature.

USE AND DOSING

Instructions are based on experience and are meant only as a guide since circumstances for each tank cleaning operation vary. They are not intended to interfere with the judgment of the vessel's responsible personnel.

Before applying **HoldShield**, ensure cargo residues are removed, and the surface is as dry as possible. The product is designed for direct application from the drum and does not require mixing. One liter covers approximately 15-20m², and a 210-liter drum covers 3000-4000 square meters. For optimal application, spray the product in a sweeping pattern onto the tank surfaces, but brushing or rolling is also possible. A proper film is created when the surface appears water-wet. Avoid applying more than necessary. Allow 1.5 to 2 hours for **HoldShield** to cure before loading cargo.

After discharging the cargo, both cargo residues and **HoldShield** can be easily removed using a power wash of fresh or saltwater. To ensure complete removal and prevent contaminant re-deposition, a cleaning agent like [CargoCare HF](#) is recommended, although at lower dosage rates than typically required.

PRODUCT PROPERTIES

Suitable for all coatings and metals.

Appearance: Opaque liquid

pH (undiluted): 6.0 ± 1.0

Density: 1.01 ± 0.03 g/cm³

Flash Point: None

General Instructions: Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before and during use.