

HoldShield Plus

Description

PROTECTIVE COATINGS

Product Code: 130002

PROTECTIVE BARRIER FILM ON CARGO HOLD SURFACES FOR HIGHLY CORROSIVE CARGOES

- Ideal for Corrosive Cargoes: Protects against highly corrosive cargoes like humid sulfur and salt
- Versatile Protection: Also suitable for 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
- Corrosion from cargoes, such as humid sulphur, salt etc.
- Consumption of cleaning chemicals
- Prolonged cleaning time and downtime

DESCRIPTION

HoldShield Plus is the ideal solution for preventing highly corrosive cargoes like sulfur, salt, and others from penetrating the minute pores of paintwork and adhering firmly. While primarily designed for such cargoes, it's also effective for protecting against petcoke, coal, pencil pitch, coke, cement, ores, minerals, feedstock, and other challenging materials, ensuring cargo holds remain grain clean.

HoldShield Plus forms a thin, temporary, non-sticky film on cargo hold surfaces, acting as a barrier between the cargo and the cargo hold. This facilitates quicker and easier cleaning after unloading, resulting in optimal cleaning results. It is safe for foodstuff and does not contaminate cargo. Additionally, it is environmentally friendly and safe for personnel handling it, while also being non-corrosive and safe on all coatings.

For standard, non-highly corrosive cargoes, HoldShield is available as an alternative. For easy shipping and handling, HoldShield Concentrate is also available.

APPLICATION

HoldShield Plus acts as a protective barrier and release agent between the cargo hold surface and the subsequent 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 Plus**, 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. 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 Plus** to cure before loading cargo.

After discharging the cargo, both cargo residues and **HoldShield Plus** 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 \pm 1.0

Density: 1.01 \pm 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.