

DESCRIPTION

It is created for vessels carrying cargoes such as *cement, sulphur, salt, petcoke, coal and concentrates*.

ER-COAT EASY is water based liquid product specially formulated to leave a thin, temporary film on cargo hold surfaces. The film provides a barrier between the cargo and the cargo hold surfaces making the cleaning operation after unloading quicker and easier, therefore optimal cleaning result is achieved. ER-COAT EASY is safe for the environment, to the personnel handling it and for the cargo. It is non-corrosive and safe on all coatings.

Product Name	: <u>ER-COAT EASY</u>
Document No	: SP-KS-094
Chemical Name	: Chemical Mixture
Usage Area	: Cargo holds, tanks

A. ORGANIC PROPERTIES

Appearance

Physical Status (20°C)	: Liquid
Color	: Clear Pale
Odor	: Slight odor

B. PHYSICAL PROPERTIES

pH (in conc)	: 6,3 – 7,3
Molecular Weight	: -
Flash Point	: -
Density	: 1,00 – 1,05 gr/cm ³ at 20 C ⁰

APPLICATION, FEATURES & BENEFITS

- ✓ Can be used on all metal and metal alloys.
- ✓ Gives no harm to paint
- ✓ Non toxic, non Flammable, non Corrosive
- ✓ No known effect on rubber and plastic compounds.
- ✓ Protects cargo-holds against corrosive cargoes
- ✓ Forms a protective film layer, easily removed with the use of water.
- ✓ Can be used over other coatings.

✓ Can be used together with specific range of other products

STORAGE INFORMATION

Store at moderate temperatures.

Packing: 25- 30 – 210 L. sealed plastic drums or barrels.

Storage Period: 3 years.

DIRECTIONS FOR USE/ APPLICATION RATES AND DOSAGE RATES

Application method

The cargo hold surfaces should be clean and dry also the paint on the surfaces must be cured properly before treatment. ER-COAT EASY is supplied at 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. The nozzle should be half meter away from surface for best results. As soon as the surface appears water wet, a proper film is created; do not apply more than necessary. **1 litre ER-COAT EASY will cover 16-18 m²**. Allow the film to dry completely before loading the cargo. Depending on air temperature and humidity this will take 1 to 6 hours.

Directions for cleaning:

After applying ER-COAT EASY, it creates a thin, non-sticky film on the cargo hold surfaces. The film substantially facilitates the cleaning before next cargo.

The film layer fills the micro pores on the surface, and prevents small particles trapping in them. 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 electromagnetic forces. Sometimes the only way to remove the particles is scrubbing. ER-COAT EASY provides a barrier between the particles and the surface that minimize this problem, and the particles may now be removed with high pressure water only. The film is completely water soluble and is easy to remove even with cold sea water.

For more superior results, to avoid re-deposition of contaminants a cleaning agent advised to be used, but at lower dosage rates than what normally is required. After reloading, apply a 0,2% – 0,5% solution of a cleaning agent in water to avoid re-deposition of contaminants, and finally flush with clean, high pressure water. After it you can clean the surface with suitable ERTEK cleaners ER AC, ER APC, ERCLEAN PCS or CEMENT REMOVER.

ER-COAT EASY may also be sprayed on deck, superstructure and other areas exposed to dust during loading and unloading operations.