

# CARETAN CORROSION

**Rust converter for use on rusted steel and sandblasted steel as pre-coating preparation**

## DESCRIPTION

Caretan Corrosion is an organic acid and chelating polymers based rust converter with excellent dispersing properties. Caretan Corrosion reacts quickly with rust and transforms iron oxides into a stable water insoluble blue-black metallo-organic complex.

## ADVANTAGE

- Neutralizes the corrosion process
- Quick reaction with rust
- Creates a thorough chemical passivation making it a sound base for application of most paint or coating systems
- Gives a water insoluble hydrophobic film
- Is non-hazardous, non flammable and the film is fire retardant
- Only minimum surface preparation required

## APPLICATION

On all rusted steel surfaces before painting or repainting when preparation by sandblasting is a problem, e.g. cargo holds, decks, hatch covers, super-structures, pipelines, winches, rails etc. It is also used on sandblasted surfaces to prevent or passivate "flash rust". Beyond being particularly suitable for use in the highly corrosive marine atmosphere it is also suitable for use on offshore rigs, in shipyards and refineries.

## DIRECTIONS FOR USE

Remove loose rust, rust scales/flakes by thorough wire brushing. Millscale, rust chips, blisters, deteriorated paints, oil, grease etc. should also be removed if present. In heavy industrial and marine atmospheres rust always contains soluble salts. It is important to remove atmospheric salts by water wash with freshwater prior to application of Caretan Corrosion.

- Eco-friendly
- Biodegradable
- Excellent rust converter
- Long term protection
- Suitable as basis for most paints
- Odorless

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Caretan Corrosion is ready to use. 1 single thin application is sufficient. Apply brush, roller or spray. 1 liter covers approx. 20 m<sup>2</sup>. Reaction time is 3 hours. If the rust converter is applied in confined areas, reaction time may be somewhat longer.

Caretan Corrosion may be applied to damp rusted surfaces.

Caretan Corrosion is compatible with mostly used paint types and coating systems, alkyd systems, modified alkyds, chlorinated rubber, epoxies, polyurethanes, vinyls and the new water-based paint systems.

Caretan Corrosion is not a paint. Treated surfaces must be protected by suitable paint/coatings, preferably within 48 hours after application of Caretan Corrosion. Equipment should be washed and flushed in fresh water.

#### **CAUTION:**

The rust converter should NOT be applied on hot surfaces above 40°C such as e.g. a deck area in sunny tropical climate. Such areas should be treated only when the area has cooled down during the evening and left for reaction overnight.

#### **DOSAGE**

Brushing	undiluted
Spraying	undiluted

#### **PROPERTIES**

Article number	14301
pH	2,0
Density	1,0 g/cm <sup>3</sup>
Flashpoint	Not applicable
Physical state	Liquid

#### **APPROVALS**

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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