

# MARINE CARE CHEMICALS

## CARETAN CORROSION – *From a rusty to a primed surface in 1 step*

Rotterdam  
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**Companies and shipping companies spend millions of Euros annually on blasting and coating of structures, tanks, equipment, platforms and ships in the never-ending fight against corrosion. In the public utility and industry, corrosion problems strongly increase, especially in pipes with isolation material.**

Not everyone is familiar with the fact that the product Caretan Corrosion can offer considerable benefits in the fight against rust. Caretan Corrosion is a rust converter - a single component product based on tannin and latex - which is applied to rusting steel. After approximately three hours, it forms an excellent substrate for a wide range of topcoats (paints and coatings). After application by brush, roller or spray it reacts with the iron oxide and a blue/black metallo-organic inert layer is formed. The rust is neutralised and the treated steel is durably protected against the formation of new rust.

Substantial economic benefits are achievable when large surfaces of steelwork such as ship decks and hulls or other types of steel structures are being treated. The steel surface must be abrasive blasted frequently using grit to a standard of SA 2½ before priming and then applying a coating system.



Before application      After application

If Caretan Corrosion is used, however, 'brush-off' blasting the surface to SA 1 is sufficient. The remaining light rust reacts with the Caretan Corrosion applied after brush blasting and forms an inert and immediately passive, non-toxic and non-flammable primer layer. Most types of paint and coating systems can be applied to this layer.



These may be paint systems based on alkyd, modified alkyd, chlorinated rubber, epoxy, polyurethane, vinyl or the new water-based paint systems. The financial benefit is thus obtained from a much cheaper blasting grade ('brush-off' blasting instead of SA 2½) and also by not requiring extra primer - this has already been formed. Last but not least, Caretan Corrosion is 50% more economical in use compared to Vinyl Acrylpols rust converters.

If abrasive blasting is not possible, or is not considered necessary, this product requires a minimal pre-treatment such as degreasing, removal of loose rust particles by wire brush or emery paper and washing with plenty of fresh water to remove any soluble salts present.

Caretan Corrosion can then be applied very economically - even on a steel surface that is still moist. Since Caretan Corrosion is not a paint, the primer layer that forms must be

covered by a paint system to provide long-term corrosion protection.

Application by brush, roller or airless spray equipment is easy, with a consumption of approximately 1 litre per 20 m<sup>2</sup> - that is very economical, especially because only one application is sufficient.



Caretan Corrosion has a proven long-term track record in corrosion protection in both marine and inland shipping industries.

For more information please contact your Marine Care representative and/or consult the product data- or material safety date sheet.

Product code: 14301  
Packaging: 25 ltr PE pails

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