

RUST CONVERTER

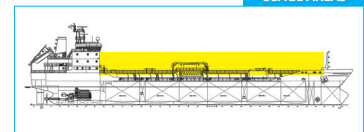
Rust Converter for Use on Rusted Steel as Pre-Painting Preparation

Technical Information

PHYSICAL DATA

Properties:	Based on water reducible chelating polymers. Does NOT contain Phosphoric Acid.
Appearance:	Milky white coloured liquid
Specific Gravity:	1.0 (20°C)
Viscosity:	15 mPa. s at 20° C.
Flash Point (PMCC):	None
pH value: :	1.6
Stability :	More than 1 year in closed pail

USAGE AREAS



DESCRIPTION

Rust converter for use on rusted steel and sandblasted steel as a pre-coating preparation. It neutralises the corrosion process by reacting quickly with the rust and transforms iron oxides into stable insoluble blue-black metal-organic complex inert surface. It gives a thorough chemical passivation of substrate making it a sound base for application of subsequent paint or coating systems. It is an excellent adhesion promoter for subsequent paint system and leaves a water insoluble hydrophobic film. It is NON-HAZARDOUS, NON-FLAMMABLE and DRY FILM IS FIRE RETARDANT. Can be applied easily by brush, roller or spray and may also be applied to damp/wet rusted surfaces. 1 liter covers approx. 20 square metres and has a reaction time of only 3 hours. It 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. It gives you cost-effective corrosion control and long term protection qualities.

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, pipe lines, 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 indeed also suitable for use on offshore oilrigs, in shipyards and refineries.

DIRECTION 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 RUST CONVERTER. RUST CONVERTER is ready for use. One single thin application is sufficient. Apply by brush, roller or spray. 1 litres covers approx. 20 m2. Reaction time is 3 hours and paints/coatings must not be applied sooner. If the rust converter is applied in confined areas, reaction time may be somewhat longer. It is not a paint. Treated surfaces must be protected by suitable paints/coatings, preferably within 48 hours after application of the rust converter. Equipment should be washed and flushed in clean water immediately after use.

RUST CONVERTER

CAUTION

The rust converter should NOT be applied on hot surfaces above 40° C such as for instance 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.

APPLICATION OF RUST CONVERTER TO AN OIL TANKER HATCH COVER



Step 1
Preparation of the surface can be made also by wire brushing. It is advisable ST-2 Standard preparation. If present remove rust chips, millscale, blisters, grease etc.



Step 2
Flushing with fresh water to remove atmospheric salts.



Step 3
Starting the application of RUST CONVERTER by brush or roller, depending of the surface structure.



Step 4
Continuing RUST CONVERTER application.



Step 5
Hatch cover surface immediately after RUST CONVERTER application.



Step 6
Hatch cover surface after 3 hours application. The surface is ready for painting that must be done within 48 hours from RUST CONVERTER application.

IMPORTANT NOTICE

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, this information is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you do a test to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by Uniservice Unisafe Srl hereunder are given gratis, and Uniservice Unisafe Srl assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.