

TECHNICAL DATA SHEET

----- PAINT DIVISION -----

Novalis Rust Converter

sez. 1.0 Technical characteristic

NOVALIS RUST CONVERTER by OIKOS is a product that has been specially studied to neutralise rust and to transform it, once dry, into an inert, repaintable composite. Novalis Rust converter protects the underlying surface and blocking the process of corrosion. It is ideal for use on fences, gates, railings and objects made in iron. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

On rusty iron surfaces, on the interior and exterior.

sez. 3.0 Surface preparation

Clean the surface with a wire brush removing all flakes of loose rust and existing coats of paint. Traces of grease or dirt must be removed using suitable products.

sez. 4.0 Application method

NOVALIS RUST CONVERTER can be applied by brush, roller or spray gun (1.3 mm nozzle) and starts to act as soon as it is applied on to the surface. Once dry, the surface takes on a dark brown colour. A single application is sufficient. Avoid applying the product on hot surfaces (never above 40°C) Cover the application of NOVALIS RUST CONVERTER from water and rain. Paint over within 24 – 36 hours. Pour the product into non metal containers. Any marks left can be removed using a solution of bleach and water.

sez. 5.0 Finish

NOVALIS ANTIRUST by OIKOS

sez. 6.0 Technical Characteristic: application

Dilution	Ready to use
Yield	20 m ² /l per coat according to the surface
Application tools	Brush, roller or spray gun (0.8 ÷ 1.35 mm nozzle)
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: fully cured	12 - 14 h (temperature= 20°C humidity not higher than 75%)
Drying time: until possible to paint over	12 h (temperature= 20°C humidity not higher than 75%)
Tools cleaning	Water

sez. 7.0 Technical Characteristic: the product

Composition	Tanning agents.
Specific weight	1,02 kg/l +/-3%
PH	1,7
Viscosity	50 +/-5% CPS Brookfield (RVT 20 revs/min at 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction:	negative when the product is applied onto a non inflammable surface: water based material with dry thickness of less than 0.600 mm

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/i; VOC: 15g/l (max); Limit Phase I (from 01/01/2007): 140g/lt, Limit Phase II (from 01/01/ 2010): 140g/lt
Packaging	0,25 - 0,75 – 2.25

sez. 8.0 Toxicological data

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is considered to be a non dangerous substance if used in the technically correct manner. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are required for the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements

sez. 9.0 Specifications

After having prepared the surface to be coated, apply a layer of a rust converter such as NOVALIS RUST CONVERTER by OIKOS. All must be carried out in accordance with the norms of application, at a cost ofmq. inclusive of materials and labour. Scaffolding not included

Note

The company Oikos S.r.l guarantees, to the best of its own technical and scientific knowledge, that the information contained in this technical data sheet is correct. Notwithstanding that indicated above, Oikos takes no responsibility for the results obtained through the use of this product in as much as it is not possible for Oikos to check or control the application method used. For this reason, we recommend that you check carefully that each product chosen, is suitable for each individual use to which it is put.