

Nutech Rust Converter

Fact Sheet



Nutech Rust Converter is formulated to convert active surface rust on bare metal into a stable inert metal. The surface should be primed to prevent further rust action. Rust Converter penetrates into the surface to convert the rust.

Description

Rust Converter is a mild acid solution, which scientifically modifies rusty metal into a stable surface. It dramatically increases the life expectancy of surface rusted metal sheet, which is to be painted or coated and is a sound investment for any surface preparation.

Typical Properties

Appearance:	Transparent liquid
Total Solids Content:	<30%
Per Cent Volatiles:	N/A
S.G.:	1.2
Solubility In Water:	Soluble
Ph:	1.00.
Flammability:	Not Flammable
Maximum Surface Temp. for application	86°F (30°C)
Recommended Application Rate:	Approximately @ 320 square feet per Gallon (8 square metres per litre)

Application

Rust Converter is designed to be applied directly onto the rusty surface, but where loose flaking paint or scaly surface rust is evident, removal of this contamination using a wire brush and/or scraper is recommended first.

Thoroughly inspect the surface and wire brush or scrape as required. Liberally apply Rust Converter by broom, brush or back pack sprayer to saturate the surface rust. Inspect the surface in 15-30 minutes to ensure that all rust is converted and has a black appearance. Re-apply on any areas where the rust that has not turned black. In warmer weather, the surface may be pre-wet with clean water to assist surface penetration and also to reduce the surface temperature to retard the drying speed.

Application/Dilution Rate

Apply Rust Converter straight from the can as required to thoroughly wet all rusted surfaces. On very light surface rust dilute Rust Converter with an equal volume of clean water and apply as normal.

Important Application and Usage Warnings

Avoid application on galvanised or zinc coatings in good condition as surface damage may be caused. Only apply directly on rusted areas. Immediately after the rust has turned black flush the surface with clean water. Apply one coat of Nutech Anti-Corrosion Metal Primer after the surface has dried adequately. Rust Converter does not stop subsequent surface spot rusting and the primer must be applied as soon as practical, preferably on the same day.

If the Rust Converter dries on the surface before priming, scrub and wash any excess white powder from the surface before coating (using detergent in wash water will assist). The appearance of white powder on the surface indicates the presence of salts, which should be removed prior to coating. In this situation some minor salt appearance may naturally occur after top coating, which will disappear.

Do not apply by airless or air spray equipment as damage may result to hoses and equipment. Hand spray application is suitable using plastic equipment.



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Rust Converter contains a mild acid. Although the product is very mild, caution should still be taken to avoid skin or eye contact and breathing vapours. Prevent contact with skin and eyes by using appropriate safety equipment including PVC gloves and eye goggles. If skin or eye contact occurs immediately flush with clean water and seek immediate medical attention.

Do not apply on any surface with a surface temperature exceeding 85°F (30°C.).

Keep out of reach of children. Avoid breathing spray mist.

Clean Up

Wash brushes and tools in soap and water.

Keep out of reach of children at all times.

Refer to Nutech Material Safety Data Sheet for additional safety and user information before using or opening the container.

Important Note

The information given on this data sheet is based on many years experience and is correct to the best of our knowledge. However since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact our Company. As this information is of a general nature, we cannot assume any responsibility in individual cases.



NUTECH PAINT LLC

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