

SPRAYON PRODUCTS (PTY) LTD

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product name: **Sprayon Rust Convertor** **Code: CCP13**
Product Description: Rust Remover

Company Identification: Sprayon Products (Pty)Ltd
222 2nd Street
Wynberg Gauteng
South Africa

Emergency Contact No's: (2711) 440-2202

2. Product Description

A high quality polymer based waterborne rust convertor for use on rusted mild steel.

3. Intended Uses

To neutralize red rust on mild steel in areas where it is impractical or impossible to remove rust completely such as burglar bars, fencing, structural steel etc.
To give corrosion protection to rusted surfaces without the need for intensive surface preparation.
For interior and exterior use.
NOT for use on galvanized iron roofs since temperatures above 65 deg C may cause break down of the polymer.

4. Features

Reacts chemically with rust and effectively stops further corrosion.
On drying the creamy white coating is converted to a firmly adherent bluish-black film.
Water insoluble curing.
Can be overcoated with most types of solvent borne and waterborne emulsion paints such as alkyds, acrylics, epoxies, polyurethanes and vinyl systems.

5. Product Information

Appearance	Glossy
Colour	Creamy White – converts to blue-black
Generic Type	Water dilutable polymers
S G	1 08 (typical)
pH	1.5 – 3.5
Recommended DFT	Min – 20um Max – 30um
Practical Spreading Rate	Approx 7 m2
Viscosity	60 – 65 KU
Dry Temp Resistance	Continuous – 50 deg c Non - Continuous 65 deg c
Flash Point	Non - Flammable

6. Application Details

Mixing	Stir with a flat paddle or shake container until homogeneous		
Method	Brush, roller, or airless spray		
Thinning	Not normally required for brush or roller application. Thin 5 – 10% with water for conventional spray.		
Cleaning	Water		
Substrate	Well prepared rusty steel		
Application Environment	Surface Temp	Ambient Temp	Relative Humidity
	Min 8 deg C Or 2 deg C Above dew point	Min 8 deg C	Nil
	Max 40 deg C	Max 40 deg C	Max 85%
Drying Time	Touch Dry 30 min at 23 deg C Dry to handle 1 hour at 23 deg C if overcoating with itself 4 hour at 23 deg C if overcoating with other paints to allow for chemical reactions to complete. No max limit provided surface is clean and firm.		

7. Handling and Storage

Store away from direct sun, heat and severe cold.
Packaging 250ml bottle

8. Surface Preparation

Remove all loose rust by ewire brushing, chipping or scraping to Grade St2 of Swedish standard SIS 055900 – 1967.
Remove oil, grease or any contaminants.
NB Particularly in coastal areas surfaces must be rinsed thoroughly with fresh water to remove saline deposits before applying **Sprayon Rust Convertor**.

9. Application

Apply in full wet coats by brush, roller or airless spray to allow maximum penetration into remaining rust.

10. Topcoating

May be overcoated with itself (unexposed conditions only) or with alkyd paint systems, epoxies, polyurethanes, vinyls systems etc. Before overcoating with emulsion paints
For added protection in humid and coastal environments apply a coat of a suitable anti-corrosive primer before top coating.

11. Cautions

Do not apply below 8 deg C or during inclement weather
Do not apply emulsion paints directly to Sprayon Rust Convertor.
Do not use on galvanised roofs.
ONCE STIRRED,DECANT WHAT IS REQUIRED FOR APPLICATION IN ORDER TO PREVENT BRUSH RESIDUE CONTAMINATION OF THE UNUSED PRODUCT. DO NOT PUT USED PRODUCT BACK INTO CONTAINER,THIS WILL RESULT IN GELLING.

12. Safety Precautions

Handle with care

Protective clothing and goggles should be worn when applying by spray.

Keep out of reach children.

Ensure good ventilation during application and drying.

In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – in case of contact rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention.