

1. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: COO-VAR RUST CONVERTER
Water based rust converter/primer

COMPANY: COO-VAR
LOCKWOOD STREET
HULL HU2 OHN

TEL: 01482-328053

FAX: 01482-219266

2. TECHNICAL DATA

STORAGE	Protect from freezing
APPLICATION	Apply one or two coats by spray, brush or roller
OVERCOATING	8 hours before overcoating with a conventional paint top coats.
DRYING TIME	2 to 4 hours, very dependent on the drying conditions.
COVERAGE	Theoretical – up to 12 sq. metres per litre Practical - 10 sq. metres per litre
PACK SIZE	250 mls or 2.5 litre
DRY FILM	25 microns
FLASH POINT	None
FIRE RESISTANCE	Tested to Class “O” BS 476 Parts 6 & 7 – Passed
TOXICITY	Non toxic.

3. PREPARATION

Coo-Var Rust Converter is supplied ready to use. Stir or shake lightly before use. **DO NOT THIN.**

When using Rust Converter, always decant into a separate container and never return surplus material to original container

Surfaces should be clean and free from surface dirt, dust and grease. Light to medium rusted steelwork must be properly prepared by wire brush or power tools (SSPC SP3) to remove loose millscale and flaky rust and paint, which is not sound or tightly adhered.

Weathered steel should be high pressure water or wet abrasive blasted to SSOC-SP6

Best results are achieved if some bright metal (10%) is showing in the rusted area.

Apply Rust Converter when the humidity is greater than 40%.

On warmer days it is recommended to damp down warm steel with a mist of water prior to application.

4. APPLICATION.

Rust Converter should be stored at room temperature (20°C/68°F) for 24 hours before use. Best applied by brush or deck scrubber to encourage penetration of rusted surfaces, but Rust Converter can also be applied by spray or roller.

Apply Rust Converter when the air and surface temperatures are between 5°C and 30°C and the relative humidity between 40-90%.

Thin, even coats applied by brush is the preferred method of application. Brush Rust Converter primer well into the rust to leave a dry film thickness of 25-30 microns.

Rust Converter in the wet state is off white in colour. The changing colour of the coating indicates that the chemical reaction is taking place. After treatment with Rust Converter, the overall area should be navy/black in appearance. If this is not the case, insufficient surface preparation has been carried out.

Rust Converter will normally be touch dry within 2 hours depending on the temperature and humidity. Cooler temperatures delay curing. Allow a minimum of 8 hours before overcoating with water based products and 24 hours with solvent based top coats.

Wash brushes and equipment with water immediately after use. Clean spray lines before Rust Converter dries. Once dry, Rust Converter is difficult to remove. use an aromatic solvent to soften dry brushes or free clogged lines.

5. HEALTH AND SAFETY

These products are considered to be non-hazardous. However, please ensure that operators read and understand the health and safety data sheet before using these materials.

MATERIALS SAFETY DATA SHEET

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2. COMPOSITION/HAZARDOUS INGREDIENTS

Ingredient name	Cas No.	Contents	Classification
2-butoxy ethanol	111-76-2	<5%	

3. HAZARD IDENTIFICATION

On available data this preparation does not carry a hazard classification according to EEC directives 88/379/EEC and 79/831/EEC.

This product may cause soreness in contact with eyes
Prolonged contact with skin may result in irritation

4. FIRST AID MEASURES

Eye Contact: Wash out with copious amounts of water
If irritation persists seek medical advice

Skin Contact: Wash off with soap and water

Ingestion: Give water to drink. Obtain medical advice.

5. FIRE FIGHTING MEASURES

This preparation is stable and non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Spillages are considered harmless, however they should be contained using soil or other absorbent material to prevent contamination of drains and water courses. Waste material from spillages should be disposed of in accordance to local regulations.
Spilled material may cause surfaces to become slippery.

7. HANDLING AND STORAGE

Store securely in the original labelled containers out of reach of children.
Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS: Respiratory protection is not normally required but if spraying applications are involved appropriate masks should be worn.

PERSONAL PROTECTION: Respiratory, wear a simple mask to prevent inhalation of liquid as a vapour.
Hands, the use of suitable gloves is recommended.
Eyes, safety glasses or goggles, (BS2902).
Skin. Apron, overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

STATE:	Liquid
COLOUR	White
pH-VALUE	2.2
BOILING POINT	100°C
FLASH POINT	N/A
SOLUBILITY	Water miscible
DENSITY @ 25°C	1.20
ODOUR	Characteristic

10. STABILITY AND REACTIVITY

This product is stable in excess of one year when stored between 5°C and 30°C.

11. TOXICOLOGICAL INFORMATION

This preparation does not carry a hazard classification.

12. ECOLOGICAL INFORMATION

No data available. Do not release into surface waters.

13. DISPOSAL CONSIDERATIONS

The product is not classified as hazardous waste.
Disposal of large quantities as waste must always comply with existing EEC, national and local regulations. Registered waste carriers and licensed disposal sites must be used.

14. TRANSPORT CONSIDERATIONS

Not classified as hazardous for transportation according to international regulations.

15. REGULATORY INFORMATION

This preparation does not carry a hazard classification according to EEC directives 88/379/EEC, 67/548/EEC and 79/831/EEC.

16. OTHER INFORMATION

This Material Safety Data Sheet follows the requirements of EEC directive 91/155/EEC.

RUST CONVERTER NEW 2000