

# TECHNICAL DATASHEET

## RUSTPROOFING OIL (ROSTSKYDDSOLJA)

Selder & Company AB 23.3.2021

[www.selder.com/en](http://www.selder.com/en)

Drying oil which penetrates into the surface structure of clean or corroded metal and prevents oxidation. Contains no solvents. RUSTPROOFING OIL is linseed oil from which



the non-drying ingredients have been removed with our unique refining method. It penetrates the substrate and dries quickly through a reaction with the oxygen in the air to linoxyn, a natural polymer with excellent adhesion. It is non-biodegradable, water-repellent and resistant to fats, petroleum products, salts and household acids.

### Work manual

**Visit** our website at [www.selder.com/en](http://www.selder.com/en) and follow its detailed instructions.

### Instructions - summary

**Clean, non-corroded metal surfaces to be painted** are automatically rustproofed by painting with Selder's linseed oil paints. Half of them is a binder, which has the same composition and properties as RUST-PROOFING OIL.

**Remove** loose rust, rust cakes, paint residue, grease, etc. Tightly adhering rust, point corrosion and rust dust do not need to be removed. Make sure that the workpiece is completely dry before treatment.

**NOTE: Do not use alkaline detergents**, e.g. STRONG SOFT SOAP, as the oil is dissolved in bases (the opposite of acids).

**Apply** RUSTPROOFING OIL with a brush or a sprayer on a dry surface when the daily temperature stays above 5 °C.

**Wipe off:** Oil that remains on the surface forms a sticky skin. If you want a clean and dry surface e.g. for painting, thoroughly wipe off any oil left on the surface after 1/2-1 hour.

**Wash** brushes and utensils with strong soft soap.

**Allow time to oxidize** for at least 24 hours.

**Linseed oil burning** is an efficient rustproofing method that has been used for centuries. **Heat** the workpiece until it is red-hot. **Wait** until the workpiece no longer glows red. Then immediately **dip** the workpiece in RUSTPROOFING OIL - you do not need to heat the oil.

**Contains:** Drying (oxidizing) fatty acids of linseed oil.

**Dry matter:** 100 %

**Drying time:** Less than 24 hours at 20 °C and good ventilation.

**Consumption:** 1-2 dl/m<sup>2</sup>.

**Packaging:** 1 and 5 litre cans, 200 litre drums, 1000 litre IBC containers.

**Worker protection:** Respiratory protection is not required. Provide good ventilation, especially when working with oil at 130 °C. The oil has low thermal conductivity and at this temperature does not cause burns in the event of spillage.

### Safety

Consists of oxidizing fatty acids that **can ignite spontaneously**. Cloths, shavings and other porous materials that have been moistened with RUSTPROOFING OIL must be immersed in water without delay.

**Unfit for consumption:** Dries in the digestive tract and causes diarrhea.

**Metal objects burn when lifted from hot oil.**

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