



OWATROL® OIL

PAINT CONDITIONER & RUST INHIBITOR

Product description

OWATROL® OIL is a versatile, highly penetrating air drying oil that can be used alone or added to paint. Used alone it provides a tough, flexible finish, driving out excess moisture and air; displacing it from rusted metal, so stopping rust. Filling dry porous wood to stop paint peeling. Added to any oil or alkyd based coatings and it will give increased wet edge time, improved flow ability, greater adhesion and unlike damaging thinners, will maintain the inherent quality of the paint without affecting its appearance or drying times.

Properties

- Apply directly on to rusted surfaces.
- Penetrates deep in to rusted surfaces to drive out moisture and air.
- Forms a solid stable layer that other paints can firmly adhere to.
- Completely seals sound underlying metal against corrosion.
- Compatible with all oil and alkyd based paints.
- Use on non-ferrous metals - zinc, copper, aluminium...
- Primer for galvanised surfaces - No weathering or pickling required.
- Additive for all oil/alkyd based paints, stains and varnishes including urethane alkyd paints.
- Fills woods pores with oil - Prevents paint peeling.
- Assures better adhesion of finishes.
- Eases application of finishes in difficult conditions.
- Overcoat with DEKS OLJE D.2* on rusted surfaces for a high gloss rusted look.
- Improved flow ability - Increased wet edge time.

Basic uses

- For interior and exterior use.
- Steel structures, railings, pipes, grills, stairs...
- Machinery, engine parts, trailers...
- Hulls, tanks...
- All Wood surfaces, dry, porous, soft & punky...
- Horizontal and vertical surfaces.

Technical data

Finish: Transparent matt.
Vehicle Type: Alkyd resins.
Solvent Type: Solvent.
Viscosity: Fluid.
Specific Gravity (at 20°C): 0.877 ± 0.05.
Physical State: Liquid.
Solid Content: 44% ± 2.
Flash point: > +60°C.
Temperature Resistance (Fully Cured Dry Film): Up to 175°C.
Shelf Life: 2 years minimum in original unopened packaging.
Container Size: Spray 300 ml, 0,5L, 1L, 5L, 20L, 60L, 200L.
Colour: Clear.
Drying times:

- Touch Dry: 12 hours.
- Full Dry: 24 hours depending on temperature and humidity.
- Re-coat: 24-48 hours.

VOC: EU limit value for this product (cat. A/h): 750 g/L. (2010). This product contains max 489 g/L. VOC.

Application tools

- Brush.
- Roller.
- Airless or HVLP sprayer.
- Garden sprayer, pump sprayer.

Good application practice

Cover everything you do not wish to paint.
Apply between +5°C and +35°C.
Do not apply in direct sunlight or on to hot surfaces.
Test for compatibility when adding OWATROL® OIL to paint.

Surface preparation

PAINT CONDITIONER
Prepare surface as per instructions on the paint can.
Remove all loose and flaking material.
Treat any organic growth with fungicidal solution or a mix of 1 part water to 1 part chlorine bleach (allow bleach solution to sit for 15 minutes), rinse thoroughly and allow to dry.

RUST INHIBITOR
Surfaces must be clean, dry and free from oil, grease and other surface contaminants.
Remove all scale; loose and flaking rust and old paint back to a sound surface and edge.
Feather in any sharp edges.
Surfaces exposed to chemicals (acids, alkalis or salt deposits) should be washed using copious amounts of water or steam cleaned.
Severely contaminated surfaces should be cleaned using an appropriate solvent.
Do not remove firm rust.
Do not clean metal back to a bright finish.

Application

PAINT CONDITIONER

Apply paint in normal manner.

If paint is sticky, drags, sets up too fast or does not level properly add OWATROL® OIL (stirring in well) until the paint works smoothly, easily and evenly. Allow the brush, roller or sprayer to be your guide.

Mixing instructions

Topcoat: As required. Normally 5%-20% by volume.

Undercoat: **up to** 30% by volume.

Primer: **up to** 50% by volume.

The above is meant as a guide only. Conditions of application, porosity of surface etc. will dictate the amount of OWATROL® OIL to be mixed into the paint.

Wood surfaces in sound condition

Prime any bare wood with a mix of 1 part OWATROL® OIL to 2 parts primer. Allow to dry.

Follow with normal paint system adding OWATROL® OIL as in "Mixing Instructions" above.

Damaged, soft or punky wood surfaces

Apply 2 to 4 liberal applications of OWATROL® OIL wet on wet, as fast as the wood will absorb it.

Do not allow OWATROL® OIL to dry between applications.

When the wood cannot absorb any more wipe up any excess and allow to dry overnight (12 hrs).

Follow with normal paint system adding OWATROL® OIL as in "Mixing Instructions" above to ease application and aid adhesion.

RUST INHIBITOR

New clean steel

Prime new steel with a mix of 1 part OWATROL® OIL to 3 parts primer.

Follow with normal paint system adding OWATROL® OIL to subsequent coats as directed under "Mixing instructions".

Lightly rusted surfaces

Prime surface with a mix of 1 part OWATROL® OIL to 2 parts primer.

Follow with normal paint system adding OWATROL® OIL to subsequent coats as directed under "Mixing instructions".

New unpainted rusty steel

Prime surface with a mix of 1 part OWATROL® OIL to 1 part Primer.

Follow with normal paint system adding OWATROL® OIL to subsequent coats as directed under "Mixing instructions".

Old severely rusted or previously coated surfaces

Apply wet on wet applications of OWATROL® OIL to all exposed rust until fully saturated and allow to dry. Saturation is indicated by a uniform glossy appearance to the surface when OWATROL® OIL is dry. Before OWATROL® OIL has hardened, check surfaces and remove rust scale and old paint loosened by the above. If needed, touch up these areas. Allow to dry.

Apply a mix of 1 part OWATROL® OIL to 2 parts primer. Allow to dry.

Follow with normal paint system adding OWATROL® OIL to subsequent coats as directed under "Mixing instructions".

Note: OWATROL® OIL will not lift well bonded paint.

Coverage

18 m² per litre.

Actual coverage will vary depending on type, texture and porosity of surface as well as application method.

Restrictions

Do not mix or overcoat OWATROL® OIL with paints containing hot solvents i.e. Xylene, 2 part coatings, chlorinated rubber etc - for these type of paints use OWATROL C.I.P.*

Clean-up

Clean all tools and equipment with mineral sprits while still wet. If allowed to dry, remove with paint stripper. Store and maintain equipment as directed by manufacturer.

NOTE: Any rags, steel wool etc soaked in OWATROL® OIL may spontaneously catch fire if improperly discarded. Rags, steel wool etc must be saturated with water after use or placed in a sealed, water filled metal container, before disposing with household waste.

Storage

- Left over OWATROL® OIL should be transferred to a smaller, airtight, closed metal or glass container.
- Keep from freezing and high temperature.

General information

Every care is taken to ensure that the information provided in this technical data sheet is accurate. **OWATROL International** is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL Agent for your country.

The information above is correct at the date of issue.

All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.

Safety

Keep out of the reach of children. Do not breathe vapours. Avoid contact with skin and eyes. If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label.

MSDS available at www.owatrol.com

Issue date

March 2012.

* Same manufacturer

