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.
Fills 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.

BASIC USES

- Ferrous and non-ferrous metals.
- Steel structures, railings, Pipes, grills….
- Machinery, Trailers, Tanks….
- All wood surfaces – Dry, Porous, Damaged.
- Horizontal and vertical surfaces.

PROPERTIES

- Apply direct 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.
- 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 OXID VERNIS* on rusted surfaces to maintain the rusted appearance longer.
- Improved flow ability - Increased wet edge time.

FINISH	SIZESS	USAGE
Gloss	300ml Aerosol 125ml, 0.5L, 1L, 5L, 20L, 200L	Interior Exterior

TECHNICAL DATA

Vehicle Type	Alkyd
Solvent Type	White Spirit
Specific Gravity	At 20°C (68°F) : 0.89 ±0.05
Viscosity	100″ ±5″ cos ISO 3 at 20°C (68°F)
Solid Content	49% ±2%
Gloss Level @ 60°	>70% (The gloss level may vary depending on the substrate).
Flash Point	>62°C (143°F) – Excluding Aerosol.
Shelf Life	2 years minimum in original unopened packaging.
VOC	EU limit value for this product (cat i): 500 g/l (2010). This product contains max 489g/l
Application Tools	Brush, Roller, Airless Spray (Tip size 517 or 519)
Dilution	Use as is. Do not dilute.
Coverage	15 to 20m² (161 to 215ft²) per litre. Actual coverage will vary depending on application method, type, texture, age and porosity of the surface.
Drying Times	At 20°C (68°F) and 50% RH. Touch Dry: 12 hours. Dry: 24 hours. Re-coat: 24 -48 hours.
Clean-up	White Spirit

	Aerosol Can: After use, clean the valve (Invert can and press nozzle until it runs clear - approximately 5 seconds). Do not insert objects into the can valve. OWATROL OIL is not classed as flammable, however, any rags etc. soaked in OWATROL OIL may spontaneously combust if improperly discarded. Rags etc. must be saturated in water; placed in a sealed, water filled metal container or laid flat and air dried before disposing with house hold waste. Empty or part used aerosol cans must be disposed of at an authorised waste collection site.
Storage	Keep from freezing and high temperatures.

GOOD APPLICATION PRACTICE

Cover everything you do not wish to paint.

Apply between 5°C (41°F) and 35°C (95°F).

Do not apply in direct sunlight or to hot surfaces.

Always test for compatibility when adding OWATROL® OIL to paint.

SURFACE PREPARATION

Paint Conditioner

Prepare surface as per instructions on the paint can.

Rust Inhibitor

Surfaces must be clean, dry and free from oil, grease and other surface contaminants.
Remove all mill glaze from new metal.
Remove all 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.
Allow to fully dry (min 24 hours).
New metal or severely contaminated surfaces should be cleaned using an appropriate solvent e.g. Acetone, Denatured Alcohol.
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 to 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 OWATROL® OIL and primer. Allow to dry.
Follow with normal paint system adding OWATROL® OIL as in "Mixing Instructions" above to ease application and aid adhesion.

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

RUST INHIBITOR

New Clean Metal

Prime with a mix of 1 part OWATROL® OIL to 3 parts primer or 1 thin application of OWATROL® OIL.

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

Note: New metal is classed as pickled stock or metal that has been sandblasted to remove any mill glaze and is not rusty.

Saturation is indicated by a uniform glossy appearance

Rusted or Spot Rusted Surfaces

Prime surface with a mix of 1 part OWATROL® OIL to 2 parts primer or apply OWATROL® OIL wet-on-wet to saturation.

Before this has hardened, check surfaces and remove any loose rust scale. Touch up these areas.

Follow with normal paint system adding OWATROL® OIL to subsequent coats if required.

Old Severely Rusted Surfaces

Apply wet on wet applications of OWATROL® OIL to all exposed rust until fully saturated.

Before this has hardened, check surfaces and remove rust scale and old paint loosened by the above. Touch up these areas.

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

Note: OWATROL® OIL will not lift well bonded paint. Saturation is indicated by a uniform glossy appearance.
Aerosol Can: Shake can vigorously until agitator ball is heard, thereafter shake for a further 2 to 3 minutes. Periodically shake during application.

MAINTENANCE
Maintenance is due when rust is appearing or OWATROL® OIL has lost its shine.
Clean surface and allow to dry.
Apply top-up applications of OWATROL® OIL until a uniform glossy appearance is achieved.

RESTRICTIONS
For mixing, OWATROL® OIL is only compatible with oil/alkyd based paint, stains and varnishes.
Do not mix or overcoat OWATROL® OIL with paints containing hot solvents e.g. Xylene, 2 part coatings, chlorinated rubber, cellulose, etc. or with water based/acrylic paints. For these type of paints primer the surface with OWATROL® C.I.P.* or OWATROL® AP60*.
Do not clean with corrosive products.

SAFETY
Refer to the safety data sheet (SDS) available at www.owatrol.com and the text on the label. Keep out of the reach of children

This Technical Data sheet cancels and replaces any previous Technical Data sheet for the same product. Its purpose is to inform the user about the product. The information contained within this Technical Data sheet is based on our current knowledge. However, the information contained within this document cannot replace a specification appropriate to the nature and conditions of the substrate to be coated. Due to ongoing technical advances, it is the responsibility of the user to establish that this document has not been superseded by a more recent edition. The information contained within this document is for guidance only and the manufacturer is unable to guarantee or accept responsibility for the results as it has no control over the conditions under which its products are applied.
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