

Product/Technical Data Sheet (TDS)

Rust Converter Primer & Sealer

Description:

Motospray Rust Converter & Primer/Sealer is a rust converter with primer/ sealer built in.

In one step it chemically reacts with rust, converting it to a hard inert organic compound, and then seals the surface with an impervious coating. This coating is a suitable base for a variety of paint systems including most single pack acrylics and enamels, 2 pack coatings and water based paint.

Uses:

Recommended for the treatment of medium to heavy rust on steel and galvanised surfaces whenever it is not practical to remove the existing rust completely.

Only apply to rusted surfaces-not a rust preventative for clean steel.

Where there is only light surface rust (eg new steel, blast treated steel) use *Deoxidiser & Rust Remover*.

Many applications: Interior or exterior, household, automotive, marine, industrial, agricultural. gutters and roofing, garden furniture, steel fencing and gates, motor vehicles, trailers, caravans, machinery, equipment, bicycles, toys, electrical appliances and much more.

Properties:

- Available as water based brush/roller grade or as a solvent based aerosol.
- Non toxic, non hazardous dry film.
- Easy to use. Converts rust and primes in one application. No washing down after application.
- Does not contain Phosphoric Acid.

Suitable Substrates:

Rusted steel, galvanised steel and related products such as zinc-alum and Duragal.

Will also bond to a variety of surfaces which may be attached to the rusted part. For example timber, aluminium, stainless steel, new galvanised steel, bare steel, and most common paints. The aerosol version contains strong solvents and may affect some painted surfaces.

Surface Preparation:

Remove loose and heavy rust by means such as wire brushing or power tools. Wash off any dust, salt, chemical, grease, oil or other contaminants. Wash with a suitable degreaser (eg *Motospray Degrease*) or detergent (eg *Motospray Car Wash or Truck and Car Wash*). Rinse with clean water. Allow to dry.

Application:

Mix by shaking the container vigorously.

Pour *Rust Converter & Primer/Sealer* into a plastic container. Pour only enough for the job and don't return leftover *Rust Converter & Primer/Sealer* to the bottle.

Brush or roll a liberal coating of *Rust Converter & Primer/Sealer* over the rusted surface (2 coats, if required, for maximum durability; allow 3 hours drying between coats).

Bulk brush on form may be applied to damp but not wet surfaces. Aerosol should be applied to dry surfaces only. Do not apply to hot surfaces. Avoid if possible application in direct sunshine.

The rusted areas of the surface will turn predominantly black.

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Finishing:

Ensure *Rust Converter & Primer/Sealer* is thoroughly dry before applying topcoats. With single pack paints allow minimum drying 3 hours at 200C before applying primers or topcoats. For 2 pack paints allow a minimum 24 hours drying at 200C.

May be left up to 3 months before priming and topcoating.



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Do not sand *Rust Converter & Primer/Sealer*. If a smoother surface is required apply a sandable primer appropriate for the topcoat to be applied. Suitable primers include *All Surfaces Primer, Sandable Primer, One Step Primer, Enamel Primer Surfacer, Isolator, Acrylic Primer Surfacer, 2 Pack Iso-Free Primer /Isolator, 2 Pack High Build Primer Filler, 2 Pack Epoxy Primer*.

Suitable Topcoats:

Suitable for use under most paint systems.

Hammercoat, Rust Not, Silvagal, Bond Colours

Protecta Seal, Sound Deadener, Stoneguard.

Rapid Dry Enamel, Quick Dry Enamel, QD601 Super Enamel, Auto Enamel

Acrylic Lacquers.

2 Pack Iso-Free Finish, 2 Pack Colour or Basecoat / Clear.

Caution: Staining may occur if over coated with light coloured or water based topcoats. Apply primer or isolator.

Do not apply *Polyester Spray Putty* or polyester Body Filler over *Rust Converter & Primer/Sealer*.

Clean Up:

Brush/roller grade: Immediately after painting, clean brushes, equipment and small spills with water and detergent. For dried material clean with *Superglow Multipurpose Thinner* or *Acetone*.

Aerosol: Clean with *Superglow Multipurpose Thinner* or *Acetone*

Coverage:

5-10 square metres per litre depending on surface condition and film thickness.

Storage:

Store in a cool position. Reseal container after use. Do not return leftover paint to container.

Safety:

Brush/Roller grade: Water based. Non Flammable, Non Toxic. Wear gloves and goggles.

Aerosol: Solvent based. Flammable Gas Class 2.

See Material Safety Data Sheets for further details.

Standard Packages and Product codes:

250mls RC250 500mls RC500 1 litre RC1 4 litre RC4

400gram aerosol RC400

The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.