



## Data Sheet 1 – Preparation

Thermacure High Temperature paints are manufactured to be applied in a specific way.

This guide contains instructions for proper use of the paint. Care in following the steps can help prevent the most common problems.

For Painting; please see **Data Sheet 2 – Painting**.

Most products can be repainted with Thermacure High Temperature Paint without any problems.

In order to check for compatibility between paints you should always test the paint on a small inconspicuous area first and run up to temperature following the instructions on the product label.

Any incompatibility is likely to appear in the form of blistering in conjunction with softening of the paint.

If the original paint is not compatible with Thermacure, or if the product already has multiple layers of paint, then we strongly recommend removing the paint by sandblasting or sanding down to metal.

Our paint products cannot be used on vitreous enamelled surfaces and we have only carried out testing on metal substrates so we cannot confirm its suitability on any other surfaces or materials.

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The most critical step is surface preparation.

The paint will only adhere as well as whatever is already on the product. If the product is rusted, and you do not remove all of the rust, then the paint will adhere to the rust and fail.

If the product has a coating that is peeling, blistering, or chalking, then the new topcoat will release from the product in the same way.

If the product has grease, oil, dirt or any other contaminant on it, then the paint will not adhere to the metal of the product.

Remove **ALL** rust. We recommend sandblasting, sanding, or grinding to remove rust.

Remove oil, grease, graphite, or other hard to remove contaminants. There are a number of products on the market, which will remove these contaminants. Do not use Paint Thinner, as it will leave a residue.

**WARNING:** Some of these cleaning products are HIGHLY FLAMMABLE. Do not use near open flame or in close proximity to anything that might spark. Turn off all appliances, extinguish pilot lights, and put out all source of flame.

**HEALTH WARNING:** Many also give off harmful vapour. Do not breathe these vapours in tightly enclosed area. Read and follow all instructions for product use, especially regarding eye protection, skin protection and breathing protection.

**Extra effort in surface preparation leads to the best chance for a durable, beautiful finish.**

### Trouble Shooting:

If rust is not removed completely before painting, rust will reappear on the newly painted surface over time.

Painting over rust with Thermacure High Temperature Paint does not stop oxidation. That is why it is critical to remove all of the rust before painting.

Paint coming off the surface in large patches indicates a problem with surface preparation. The best remedy is to remove all the paint, prepare the surface again and repaint.

Always follow the instructions on the product in conjunction with the above additional information and contact the manufacturer, if required, should you have any additional technical questions relating to these products.

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