



Technical Datasheet March 2023

V1.1 M131

PRODUCT DESCRIPTION

Power Primer provides the following product characteristics:

Technology	Primer and Cleaner
Chemical Type	Alcoholic Solution
Appearance	Colorless, Clear Liquid
Components	One-Component- requires no mixing
Cure	Not applicable
Application	Surface Treatment
Specific Benefits	<ul style="list-style-type: none">• High cleaning properties• Improve adhesion on difficult-to-bond surfaces• Simple process with cleaning and priming

Power Primer is an alcoholic solution designed for the cleaning of difficult to bond surfaces. It contains active ingredients that improve the adhesion of elastic adhesives and sealants on surfaces on which adhesion is usually difficult to achieve.

TYPICAL PROPERTIES

Specific Gravity @ 23°C	0.8
Drying Time @ 23°C, minutes	10

TYPICAL PERFORMANCE

Power Primer is used for cleaning and if necessary, to improve adhesion of elastic adhesives and sealants on metals, plastics, and coated surfaces.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Direction For Use Application

A thorough cleaning of the substrates is essential to achieve serviceable adhesion on metals, plastics and coated surfaces.

1. Apply a thin and even layer of Power Primer using suitable clean cloth or paper.
1. Wipe surfaces when still wet to remove all heavy contamination. If necessary, repeat cleaning process.
2. The cloth or paper should be changed after apparent contamination.
3. Allow Power Primer to fully evaporate from parts prior to bonding to avoid solvent entrapment within the bond joint.
4. Apply the adhesive immediately after drying and assemble bond.
5. In order to ensure Power Primer covers the entire substrate, the product contains a UV indicator. It is particularly well visible under a UV lamp with a wavelength of approx. 380 nm.
6. Close the container tightly after use to prevent access of humidity. With exposure to water/humidity Power Primer loses its activity and becomes cloudy.

Cleaning

Splashes should be removed immediately with an absorbing material.

Handling Precautions

Cleaner must be handled in a manner applicable to highly flammable materials and in compliance with relevant local regulations. Special care must be taken to avoid contact of the product or its vapour with naked flame or any electrical equipment that is not flame proofed.

The solvent can affect certain plastics or coatings. It is recommended to check all surfaces for compatibility before use.

Storage

The product is classified as flammable and must be stored in an appropriate storage area in compliance with relevant regulations. Do not store near oxidizing agents or combustible materials. Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 10 to 25 °C. Storage below 10 °C or greater than 25 °C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container. Redtronic cannot

assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Redtronic representative.

Product Specification

The technical data contained herein are intended as reference only and are not considered specifications for the product. Product specifications are located on the Certificate of Analysis or please contact Redtronic representative.

Approval and Certificate

Please contact a Redtronic representative for related approval or certificate of this product.

Data Ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23 °C / 50% RH = 23+2 °C / 50+5% RH

Disclaimer:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Redtronic is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.