

LOCTITE® SF 3013 WELD THROUGH PRIMER

April 2025

Product description

LOCTITE® SF 3013 WELD THROUGH PRIMER provides the following product characteristics:

Technology	Aerosol
Chemical Type	Polymeric solution
Appearance	Silver liquid
Cure	Not applicable
Application	Galvanizing spray
Specific benefits	<ul style="list-style-type: none"> Provides long-term protection against corrosion and rust. Forms protective coating without flaking Fast drying

LOCTITE® SF 3013 WELD THROUGH PRIMER is a highly effective cold galvanizing spray. It provides protection for all polished metal surfaces, and forms a highly adhered, fast drying and permanent primer for different types of paints. It is also suitable as a primer for bonded lubricants. The outstanding corrosion protection characteristics are especially beneficial in electro-chemical (cathodic) corrosion protection, which prevents damages, e.g., scratched surfaces, from rusting after treatment.

Application areas

LOCTITE® SF 3013 WELD THROUGH PRIMER used in various industries like automation, agriculture, chemical, structural, engineering and steel plants.

Typical applications include:

- For the protection of all polished metal surfaces, drilling and welding points.
- For the repair of damaged galvanic surfaces.
- As a corrosion protective primer for different types of paint.
- As an excellent touch-up coating for Galvanized pipe manufacturers for threaded connections and surface touch-ups.
- It is an excellent touch-up coating for hot dip galvanized surfaces where galvanized coating is removed for welding. After welding, the surface can be touched up again by Weld through Primer, e.g. for fabricating the ducting of air conditioning and heating & ventilating systems.
- Used as an anticorrosive coating in all types of chemical / petrochemical plants, engineering industries etc.
- Used as an anticorrosive underbody coating for vehicles such as two-wheelers, cars, trucks, tractors, dumpers, etc.

Technical data

Colour	Silver
Odour	Chracteristic solvents
Specific gravity @ 27°C	0.87 to 0.97 gm/cm ³
In service temperature	5 to 35°C
Flash point	9°C
Boiling point	124°C
Aerosol propellant	LPG, non CFC

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).

Directions for use:

- Shake can before use.
- Spray liberally on parts as required.
- Repeat if necessary. Depending upon the thickness required and appearance desired.
- Product sprays best at room temperature.

Application

- Application area should be free of any source of ignition.
- The surface should be free from oil, grease moisture, dirt and dust. Use wire brush or sSteel wool for cleaning rust spots in corners, edges and threads etc.
- Spray 15 – 20 cm. away from the surface.
- Minimum 2-3 spray coatings should be done for long term protection.
- Please ensure enough drying time of the sprayed film before handling/ packing etc.

Handling precautions

Prior to use LOCTITE® SF 3013 WELD THROUGH PRIMER use gloves, goggles and barrier cream. Avoid contact with skin. Ensure adequate ventilation during application. For further details refer Material Safety Data Sheet.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8°C to 21°C. Storage below 8°C or greater than 28°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation 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 Henkel representative.

The expiry date of the product is given on the packaging labels.

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 Henkel representative.

Approval and Certificate

Please contact Henkel 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

Conversions

(°C x 1.8) + 32 = °F
 kV/mm x 25.4 = V/mil
 mm / 25.4 = inches
 µm / 25.4 = mil
 N x 0.225 = lb
 N/mm x 5.71 = lb/in
 N/mm² x 145 = psi
 MPa x 145 = psi
 N·m x 8.851 = lb·in
 N·m x 0.738 = lb·ft
 N·mm x 0.142 = oz·in
 mPa·s = cP

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. Henkel 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.

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