

LOCTITE® SF 754

Known as Extend® Rust Treatment
May 2023

PRODUCT DESCRIPTION

LOCTITE® SF 754 provides the following product characteristics:

Technology	Rust converter
Chemical Type	Synthetic latex resin
Appearance	Milky liquid
Cure	Reacts with rust
Application	Rust treatment
Specific Benefits	Stop rust, protect surface, primer for finish coat

LOCTITE® SF 754 is a fast drying, milky white latex coating that is applied to rusted metal to stop rust, protect the surface and act as a primer for the finish coat. LOCTITE® SF 754 is satisfactory for exterior exposure without a topcoat in mild environments. Two coats maximum are recommended. A 7 to 14 day drying and curing time is recommended for environmental resistance. For severe environments, a suitable topcoat is required. LOCTITE® SF 754 resists heat aging up to 93°C (200°F) continuously. Useful properties up to 121°C (250°F) for short exposure periods. Typical applications include pipes and valves, fittings in refineries, tankers, power plants, domestic and commercial heating/cooling plants, trucks, trailers, storage tanks, fences, guard rails, conveyors, supports, overhead cranes, booms, floor gratings, ductwork, outdoor advertising sign supports/frames, municipal and highway sign posts and frames, bulkheads, overheads, decks, hatch covers, stacks on ships (topcoat with appropriate marine paint), agricultural equipment, harvesters, plows, discs, tractors, corn pickers, snow removal equipment in highway department maintenance yards, paper mills, chemical plants, steel mills, utilities for maintenance of pipes, tanks, support steel, valves, castings and stampings before final machining.

TYPICAL PROPERTIES

Specific Gravity @ 23 °C 1.2

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

1. Mix thoroughly before using.
2. Remove oil, dirt and grease from surface. Wire brush to remove flaky rust and loose scale. Some surface rust must be present.
3. Pour into clean container for easy application by brushing or apply directly to surface and brush out.
4. Use of gloves is recommended.
5. Brush or sponge on liberally. An airless spray may also be used.
6. A black coating will appear within 5 minutes. Uneven color indicates need for additional coats for maximum protection. Recoat time 15 to 30 minutes. Allow 24 hours minimum to dry before finish paint.
7. Most finish paints will not require any additional primer. However, light color latex and metal filled paints require a solvent based primer on top of LOCTITE® SF 754 coating before finish application.
8. Brushes, rollers and other tools should be cleaned immediately with detergent and water. Flush spray equipment immediately after use with detergent and water. LOCTITE® SF 754 is difficult to remove when dry.

Handling Precautions

LOCTITE® SF 754 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 vapor 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. Protect from freezing.

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 28°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.

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

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$

$\text{kV/mm} \times 25.4 = \text{V/mil}$

$\text{mm} / 25.4 = \text{inches}$

$\mu\text{m} / 25.4 = \text{mil}$

$\text{N} \times 0.225 = \text{lb}$

$\text{N/mm} \times 5.71 = \text{lb/in}$

$\text{N/mm}^2 \times 145 = \text{psi}$

$\text{MPa} \times 145 = \text{psi}$

$\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$

$\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$

$\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$

$\text{mPa}\cdot\text{s} = \text{cP}$

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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