

# LOCTITE<sup>®</sup> SF 7655

December 2020

## PRODUCT DESCRIPTION

LOCTITE<sup>®</sup> SF 7655 provides the following product characteristics:

<b>Technology</b>	Solvent cleaner
Chemical Type	Petroleum distillate and alcohol
Appearance	Colorless transparent
<b>Cure</b>	Not applicable
<b>Application</b>	Surface cleaner
Specific Benefits	Cleaning of electrical / electronics devices

LOCTITE<sup>®</sup> SF 7655 is an electrical contact cleaner with a unique blend of petroleum-distillates and alcohol which provides a suitable precision cleaner for sensitive electronics and electrical equipment. It is designed to be a cost-effective alternative to other electrical contact cleaners.

## TYPICAL PROPERTIES

Specific Gravity @ 23°C	0.7
Kauri-Butanol Value (KB), GB/T 11134-1989	29.5
Surface Tension @ 23 °C, GB/T 22237-2008, mN/m	17.1

## TYPICAL PERFORMANCE

LOCTITE<sup>®</sup> SF 7655 effectively removes dirt, dust, light oils and fingerprints from contacts, printed circuit boards, switches, and breakers. It allows one product to be used in all applications without risk of costly damage to sensitive modern plastics; leaves no residue; prevents harmful build-up on equipment and eliminates wiping and rinsing; fast evaporation: minimizes downtime.

### Electrical Properties

Dielectric Breakdown Strength, GB/T 507-1986, kV 12.4

### Material Compatibility

Immersed for 48 hours @ 23 °C, followed by wipe and dry for 30 minutes. ASTM D 543-87

Plastics / Elastomers	Ranking	Appearance
ABS	0	No change
Butyl rubber	2	Swelled
Neoprene	0	No change
Buna	0	No change
PP	0	No change
PE	0	No change
PET	0	No change
PMMA	0	No change
Makrolon	0	No change
PBT	0	No change
Epoxy resin	0	No change

## Ranking Key

0	No visible effect: no significant weight or dimension change
1	Moderate effect on weight and dimension; no visible effect on substrate
2	Not compatible

## 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. Shake can thoroughly and hold can 15 to 20 cm from surface to be cleaned.
2. Spray surfaces liberally. Extension tube can be used to pinpoint application.
3. Allow to fully evaporate from parts prior to bonding to avoid solvent entrapment within the bond joint.

### 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 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.

### 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.

### 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/mm<sup>2</sup> 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

**Trademark usage**

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

**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.

**In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:**

In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

**In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:**

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. Henkel is 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.

**In case products are delivered by Henkel Corporation or Henkel Canada, Inc. the following disclaimer is applicable:**

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.