



LOCTITE[®] 7039[™]

June 2005

PRODUCT DESCRIPTION

LOCTITE[®] 7039[™] provides the following product characteristics:

Technology	Solvent-Based
Chemical Type	Mineral
Appearance	Colorless liquid ^{LMS}
Propellant	Carbon dioxide
Cure	Not applicable
Application	Surface preparation

LOCTITE[®] 7039[™] is a contact cleaner spray formulated for use on electrical contacts without damaging existing varnishes. It leaves a water repellent residue. This product is used to clean the electrical contacts which have been exposed to moisture or other contamination. This product is typically used in applications with an operating range of -30 °C to +50 °C.

TYPICAL PROPERTIES

Density @ 25 °C, g/cm ³	0.798 to 0.802 ^{LMS}
Viscosity @ 20 °C, cSt	9.5 to 10.5 ^{LMS}
Copper Corrosion, 3 hours @ 100 °C, ISO 2160	1a
Flash Point - See MSDS	

TYPICAL PROPERTIES OF CURED MATERIAL

Electrical Properties:

Dielectric Constant, IEC 60250	3.08
Volume Resistivity, IEC 60093, Ω·cm	2.2×10 ⁶

GENERAL INFORMATION

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

Directions for use

1. DO NOT APPLY TO LIVE CIRCUITS.
2. Shake can thoroughly before use.
3. Spray on to clean parts, where possible, from a distance of approximately 20 to 30 cm to give a uniform film.

Loctite Material Specification^{LMS}

LMS dated December 07, 2004. Test reports for each batch are available for the indicated properties. LMS test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through Henkel Quality.

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 Technical Service Center or Customer Service Representative.

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm ² 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

Note

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.

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.

Reference 1.0